The ICC College Catalog is also available online!
Visit the ICC website to apply, or for enrollment information/instructions.

www.icc.edu

This catalog is for informational purposes only and does not constitute a contract. Illinois Central College has made every reasonable effort to determine this catalog is accurate when published. However, the College reserves the right to change, modify, or alter without notice all fees, charges, tuition, expenses, and costs of any kind and further reserves the right to add or delete without notice any course offering or information contained in this catalog, including the rules controlling admission to, instruction in, and graduation from College or its various divisions. Such changes become effective whenever the College deems necessary and apply not only to prospective students but also to those currently enrolled.

Although we created this catalog with great care, we may have missed something. If you find what appears to be an error, please contact the office of the Provost, (309) 694-5784, or email academicaffairs@icc.edu.
General College Information

History ................................................................. 2
Philosophy/Core Values .................................... 2
Vision ................................................................. 2
Mission ............................................................... 2
Diversity Pledge ..................................................... 2
Understanding Accrediation .............................. 2
Equal Opportunity/Affirmative Action ............... 3
Feedback to Illinois Central College ................. 3
Rehabilitation Act and American with Disabilities Act 3
Tobacco-Free Campus .......................................... 3
Weapons and Firearms Policy ............................. 3
History
Illinois Central College first started classes on September 18, 1967, in temporary buildings at its East Peoria location. Situated on over 400 acres of wooded terrain, the East Peoria Campus is now home to the Edwards Library Administration Building, Academic Building, Agricultural and Industrial Technologies Building, Ramsey Gymnasium, Performing Arts Center, the Caterpillar Building, and the Horticulture Land Laboratory.

In 1973, Illinois Central College opened a “storefront” in downtown Peoria. Today, this downtown site includes the Perley Building at 115 S.W. Adams and the Thomas Building at 201 S.W. Adams.

ICC North, 5407 N. University Street, opened in December 2002. In August 2004, WoodView Commons opened offering students an on-campus, apartment-style, living option.

In 2008, ICC developed a fourth site, ICC South, in Pekin at the Riverway Business Park, 225 Hanna Drive.

Four out of ten high school seniors living in the ICC district, who attend college right out of high school, choose Illinois Central College. ICC annually awards graduates more than 1,500 degrees and certificates.

Philosophy/Core Values
Founded as a comprehensive community college in 1966 in response to the Illinois Master Plan for Higher Education, Illinois Central College was established to meet the post-secondary needs of the citizens of the District and to supplement the area schools and four-year colleges.

The College was formed on the belief that individuals have worth and dignity in their own right and should be educated to the fullest extent of their abilities and motivation. Education of each citizen creates a better community for all. The College strives to provide quality education appropriate to each individual’s needs within the bounds of fiscal responsibility. Illinois Central College is committed to non-discrimination and equal opportunity regardless of age, race, gender, ethnicity, religion, or physical capability. We believe that by representing the diversity of our district, we enrich the learning experience and create a broader and better understanding of our global community. In support of building this learning environment, we are dedicated to being a leader in recruiting, retaining, and promoting a diverse group of students, faculty, and staff.

The student is the center of all that is done at Illinois Central College. The College strives to provide students the knowledge, skills and understanding for successful and satisfying careers and for intelligent participation in, and preservation of, a free and democratic society. This includes the development of a higher sense of values and the desire for continuous education throughout life. To achieve these purposes, the College encourages excellence in teaching and close communication between instructor and student.

To fulfill its philosophy and mission, the College:
- Provides developmental and foundational level studies for students with academic deficiencies.
- Provides opportunities for students to appreciate and benefit from the diversity of people in a global community.
- Offers continuing education opportunities for students interested in meeting personal goals or updating employment skills and pursuing cultural and leisure interests.
- Cooperates with other educational, business, and governmental entities to address educational needs related to the economic health of the residents of the District.
- Provides special cultural, recreational, and general interest events which enrich the life of the community.

The College is committed to its Core Values: Learning, Community, Integrity, Responsibility, and Excellence.

Vision
Illinois Central College is a comprehensive college committed to a future that “surprises” our students, employees, and community. We do not think that “settling” is enough. We, the people of ICC, are dedicated to becoming an institution that delights our students with relevant and up-to-date classes, exemplary service, and an enriching campus life, all at an affordable cost. We know what it takes for our students to succeed, and we make it happen. Education at ICC leads to successful careers, transfers to baccalaureate programs, and life-long learning experiences to improve our students’ lives and opportunities.

The short version of the vision is: We provide an exceptional educational experience that delights our students and stakeholders.

Mission
The mission of the College is expressed in these sentences:
Through learning, minds change.
We believe by changing minds, we can change the world.

Diversity Pledge
Illinois Central College stands committed to diversity in all of its dimensions. The College embraces, values, and encourages diversity at all levels of its operation. The College stands for tolerance, non-discrimination, and cultural sensitivity.

Inclusion is at the core of Illinois Central College’s educational and service strategies. Respect for diverse individuals will be evident in the College’s interactions with students, employees, and the communities it serves.

Understanding Accreditation
Educational accreditation is a process of external quality review created and used by higher education to scrutinize colleges, universities and programs for quality assurance and quality improvement. Accreditation in the United States is more than 100 years old, emerging from concerns to protect public health and safety and to serve the public interest.

In the United States, accreditation is carried out by private, nonprofit organizations designed for this specific purpose. External quality review of higher education is a nongovernmental enterprise.
There are two types of educational accreditation: **institutional** and **specialized**.

**REGIONAL (INSTITUTIONAL) ACCREDITATION**

Institutional accreditation is provided by regional and national associations of schools and colleges. There are six regional associations, each named after the region in which it operates (Middle States, New England, North Central, Northwest, Southern, Western). The regional associations are independent of one another, but they cooperate extensively and acknowledge one another's accreditation. Several national associations focus on particular kinds of institutions (for example, trade and technical colleges, and religious colleges and universities). An institutional accrediting agency evaluates an entire educational organization in terms of its mission and the agency's standards or criteria.

As an institution, Illinois Central College is accredited by the Higher Learning Commission of the North Central Association (www.ncahlc.org).

**SPECIALIZED (PROGRAMMATIC) ACCREDITATION**

Programmatic accreditors review specific programs, professions and freestanding schools of law, medicine, engineering, etc. Several ICC programs have sought and received specialized (program) accreditation/approval. These include the following.

Accrediting Agencies

- National Automotive Technicians Education Foundation
- Association of Leaders in Equipment Distribution Foundation
- American Bar Association Standing Committee on Paralegals Approval Commission
- National Association of Schools of Music
- National Accrediting Agency for Clinical Laboratory Sciences
- Commission on Dental Accreditation
- Commission on Accreditation of Allied Health Education Programs
- National League for Nursing Accrediting Commission
- Illinois Board of Nursing
- Illinois Department of Public Health
- Accreditation Council for Occupational Therapy Education
- Commission for Accreditation in Physical Therapy Education
- Joint Review Committee on Education in Radiologic Technology
- Commission on Accreditation for Respiratory Care

**Equal Opportunity/Affirmative Action**

Illinois Central College is accredited by the Higher Learning Commission of North Central Association of Colleges and Schools. It is the policy of this College that no person, on the basis of race, color, religion, gender, national origin, age, disability, sexual orientation, or veteran's status, shall be discriminated against in employment, in educational programs and activities, or in admission. Inquiries and complaints may be addressed to the Vice President of Diversity, International and Adult Education, Illinois Central College, 1 College Drive, East Peoria, Illinois 61635-0001, (309) 694-5561.

**Feedback to Illinois Central College**

ICC encourages current students to provide input in the form of compliments, suggestions, or complaints. Your feedback needs to be written and can be submitted using the ICC online feedback form found at the bottom of each page of the website. The College wants to hear about the good things that work, things that maybe weren't so great, and ideas to make ICC better.

Provide feedback that is respectful, detailed, and timely and refrain from using profanity, name-calling, or other inappropriate language.

**Section 504 of the Rehabilitation Act of 1973, as Amended, and the Americans with Disabilities Act of 1990 (ADA), as Amended**

Illinois Central College shall provide that no otherwise qualified individual with a disability, shall solely by reason of disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity engaged in by the College as required by Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disability Act of 1990. Inquiries or complaints may be addressed to Human Resources, Illinois Central College, 1 College Drive, East Peoria, Illinois, 61635, (309) 694-5437.

**Tobacco-Free Campus**

The use of tobacco products, both smoking and smokeless, is prohibited in all College buildings, within all spaces leased by the College and in all College-owned, rented, or leased vehicles. Use of tobacco products is permitted in College parking lots while in a vehicle and in College designated areas. These designated areas are plainly marked.

**Weapons and Firearms Policy**

Illinois Central College continues to be committed to providing a safe and secure environment for its employees, students and guests. In accordance with the Board of Trustees' authority and the 2013 Illinois Firearm Concealed Carry Act, ICC’s Weapons on Campus and Firearm Concealed Carry Policy was adopted on January 16, 2014, to assert the College’s weapons- and firearms-free status at all campus locations and on any sites where ICC programs, activities and classes are held. This policy applies to all employees, students, persons conducting business and campus visitors. It prohibits the possession of a weapon or firearm on property owned, leased or controlled by ICC (including parking areas, sidewalks and common areas), even if that person has a valid federal or state license to possess a weapon or firearm.

“Weapons and firearms” includes, but is not limited to, loaded or unloaded handguns, any device which shoots a bullet, pellet, flare or any other projectile, knives or any explosive device.

Exceptions to the policy: 1) Students carrying a weapon or firearm used in connection with a weapons safety course approved and authorized by ICC; 2) Law enforcement officers (including off-duty and retired officers) carrying a weapon as a condition of their employment and who have maintained proper training and licensing for possession of a weapon; and 3) Licensees transporting a firearm into an unrestricted parking area within a vehicle if the firearm and its ammunition remain locked in a case out of plain view within the parked vehicle. The firearm must be unloaded before removal from the vehicle for the limited purpose of storage or retrieval in the trunk. Re-loading the firearm is prohibited on ICC property.

Violations of this policy may result in possible arrest or prosecution. For complete details of ICC’s Weapons on Campus and Firearm Concealed Carry Policy, including definitions of prohibited devices and exceptions, visit www.icc.edu/firearm-policy.
Academic Policies and Procedures

Academic Honors .............................................................. 6
Academic Misconduct ......................................................... 6
Academic Standards ............................................................. 6
Audit of Courses ................................................................. 7
Class Attendance ............................................................... 7
Grade Exclusion Policy ....................................................... 7
Grade Point Average .......................................................... 7
Grading System ................................................................. 8
Transcript Requests ......................................................... 8
Intercollegiate Competition ............................................... 8
Educational Rights and Responsibilities ............................. 8
Educational Guarantees ...................................................... 9
Student Rights and Responsibilities ................................. 9
Academic Honors

Full-time students who have completed 12 credit hours and have achieved a 4.00 grade point average (GPA) in a given semester are named to the President's Honor List; those earning between 3.50 and 3.99 grade point averages are named to the Dean's Honor List.

Part-time students who have completed 12 credit hours and are enrolled in no fewer than 6 hours are eligible for the President's Honor List if they have achieved a 4.00 GPA and Dean's Honor List recognition if the earned GPA is between 3.50 and 3.99.

Candidates for graduation with a cumulative GPA of at least 3.80 for hours attempted at Illinois Central College are accorded special recognition at graduation.

(Note: Since final grades are not posted to student records until after the graduation ceremony, the previous semester's cumulative GPA is used as the basis for special recognition at graduation.)

Academic Misconduct

Matters relating to academic honesty or contrary action such as cheating, plagiarism, or giving unauthorized help on examinations or assignments may result in an instructor giving a student a failing grade for the assignment, test, or for the course.

Based on the severity of the offense, the instructor may recommend dismissal from the College.

A common form of academic dishonesty is plagiarism. This is the use (whether deliberate or unintentional) of an idea or phrase from another source without proper acknowledgment of that source. The risk of plagiarism can be avoided in written work by clearly indicating, either in footnotes or in the paper itself, the source of any other major or unique idea which the student could not or did not arrive at independently. These precise indications of sources must be given regardless of whether the material is quoted directly or paraphrased. Direct quotations, however brief, must be enclosed in quotation marks as well as being properly documented.

Another form of plagiarism is copying or obtaining information from another student. Submission of written work, such as laboratory reports, computer programs, or papers which have been copied from the work of other students, with or without their knowledge and consent, is plagiarism.

Obtaining an examination prior to its administration or use of unauthorized aides during the examination are clear acts of academic dishonesty. It is also academically dishonest to knowingly provide inappropriately used material is guilty of academic dishonesty. It is also academically dishonest to knowingly provide inappropriately used material is guilty of academic dishonesty. It is also academically dishonest to knowingly provide inappropriately used material.

A suspended student may elect to petition the College for immediate re-admission if the student feels extenuating circumstances caused poor academic achievement.

If a student is ever in doubt about an issue of academic dishonesty, or has any hesitation about a contemplated course of action, the student should consult his or her instructors. The penalties for academic dishonesty can be very severe and can affect the entire educational experience at Illinois Central College.

Academic Standards

It is the purpose of Illinois Central College to provide educational opportunities to those who can benefit from continued educational experience; therefore, the following retention policies are provided.

A student admitted to Illinois Central College who has attempted 12 or more credit hours of work will be placed on ACADEMIC PROBATION if the student's cumulative grade point average is less than the minimum requirements shown below:

<table>
<thead>
<tr>
<th>Level</th>
<th>Total Hours Attempted</th>
<th>Required Cumulative Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>12-28</td>
<td>1.70</td>
</tr>
<tr>
<td>II</td>
<td>More than 28</td>
<td>2.00</td>
</tr>
</tbody>
</table>

To be removed from probation, the student's cumulative grade point average must be raised to the required level shown above.

One purpose of academic probation is to caution students their grades do not meet minimum requirements. A second and equally important purpose is to provide students an opportunity to plan corrective actions which will hopefully lead to a more successful academic career.

Indiana Central College recognizes some students may have deficiencies in certain areas of preparation. As such, the college believes students who have been placed on academic probation should be made aware of the consequences of probationary status and the resources available for the detection and possible correction of academic deficiencies. To this end, a student who has been placed on academic probation IS STRONGLY RECOMMENDED to seek academic advisement assistance. Information regarding academic advisement services is available in the Advisement and Counseling Services Office, located in the Leitch Career Center.

If the student's cumulative grade point average has not been raised to the required level, the student may re-enroll and remain on academic probation if:
1. a semester grade point average of 1.70 for LESS than 29 cumulative credit hours attempted is attained or,
2. a semester grade point average of 2.00 for 29 OR MORE cumulative credit hours attempted is attained.

If these standards are not met, the student will be suspended from the College for one semester.

A student who fails to maintain a cumulative grade point average of 0.75 shall be suspended for a period of one semester.

A student suspended from Illinois Central College because of failure to achieve the required grade point average may re-enter on academic probation after one academic semester WITHOUT PETITION. However, the student must meet with his/her assigned academic advisor (or delegated representative) to have his/her schedule approved before registration whether part-time or full-time.

A suspended student may elect to petition the College for immediate re-admission if the student feels extenuating circumstances caused poor academic achievement.

A suspended student re-admitted to the College on probation whose cumulative grade point average has achieved the required level, will be removed from probation.
A suspended student re-admitted to the College on probation whose cumulative grade point average fails to meet the required level, but who achieves a semester grade point average equal to the required level, is eligible for re-enrollment on probation for the ensuing semester.

**Audit of Courses**

Many courses at Illinois Central College may be audited. An auditor is a non-participating listener in a course. An auditor is not required to take tests or submit reports, and receives no grade or notation on a transcript relative to the audited course.

Registration for audit classes will be accepted beginning the week the class is scheduled to begin, provided space is available in the class.

Tuition for auditing a class will be the in-district rate.

Further information about which courses may be audited and procedures for registering may be obtained from departmental offices.

A student may not change class registration status from “audit” to “credit” or from “credit” to “audit”.

**Class Attendance**

Regular attendance at all class meetings and laboratory sessions or active participation in online classes is expected of all students. Faculty members may establish attendance policies and/or makeup procedures for their classes. Faculty will ordinarily permit students to make up work missed due to College sponsored activities, if prior notification of absence is given.

Some programs have established rigid attendance policies. For example, most health careers programs have exacting attendance policies, especially for clinical assignments. These are explained in materials distributed to program enrollees. It is the student’s responsibility to be aware of attendance and participation policies and makeup procedures.

Excessive absence and lack of participation are among the most common causes of failing grades. As a College guideline, absences in excess of 5 percent of total number of scheduled class meetings are considered excessive. For example, three absences in a class which meets twice per week would be considered excessive since these absences represent more than 5 percent of the class meetings.

In case of prolonged absences because of illness, accident, hospitalization, or family problems, students should notify the Health Services Office so proper notification can be made to instructors. In addition, it is the responsibility of the student to contact the instructor about possible makeup work.

**Grade Exclusion Policy**

The grade exclusion policy at Illinois Central College provides a second chance for academic success to students who have failed courses that otherwise may make it difficult or impossible for them to pursue a degree or certificate.

In order to qualify for grade exclusion:

1. The student cannot have enrolled in graded college level courses at Illinois Central College or any other post-secondary education institution for four consecutive semesters prior to application for grade exclusion (summer terms do not apply.) A student may apply at any time for exclusion after this time requirement has been met.

2. The student’s cumulative grade point average must be less than 2.00 at the time of re-admission to the College.

3. Following re-admission, the student must complete a minimum of 15 approved consecutive credit hours in graded college level courses (110 or above) with no grades of “D” or “F” or a GPA of at least 2.00 in each semester in which the 15 hours are attempted before exclusion will be granted.

Grade exclusion will only be granted once. A maximum of 16 hours of “F” earned in graded college level courses at Illinois Central College will be excluded.

To qualify for grade exclusion, the student is required to meet with a designated academic advisor.

When eligibility requirements have been fulfilled and exclusion granted, the student's cumulative grade point average will be recalculated with “F” grades removed from the calculation. However, all grades, including those excluded, will continue to appear on the ICC academic transcript. Students who plan to transfer to another institution should be aware that the receiving institution may use all of the grades that are excluded by ICC for calculation of the grade point average for admission review.

(Note: Excluded grades will be indicated by an FX.) Application forms for grade exclusion may be obtained in Enrollment Services, L211, East Peoria Campus. Completed forms should be directed to Enrollment Services, L211, East Peoria Campus.

**Grade Point Average (GPA)**

An important average for all students is their grade point average (GPA) which serves as a measure of academic achievement.

The number of grade points earned in a given course is calculated by multiplying the number of points assigned to the specific letter grade received in the class by the number of credit hours the course carries. Thus, a grade of B (3.00 grade points) in a course worth four credit hours would earn the student 12 (3 x 4) grade points. A student's GPA for a given semester is computed by dividing the total number of credit hours attempted into the total number of grade points earned. The division is carried out three places to the right of the decimal point. An example is shown below:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
<th>Letter Grade</th>
<th>Points Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 110</td>
<td>3</td>
<td>B</td>
<td>9</td>
</tr>
<tr>
<td>PSY 110</td>
<td>3</td>
<td>C</td>
<td>6</td>
</tr>
<tr>
<td>BIOL 111</td>
<td>4</td>
<td>A</td>
<td>16</td>
</tr>
<tr>
<td>PHYED 130</td>
<td>1</td>
<td>B</td>
<td>3</td>
</tr>
<tr>
<td>HIST 111</td>
<td>4</td>
<td>B</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
<td>**</td>
<td><strong>46</strong></td>
</tr>
</tbody>
</table>

GPA = 46 divided by 15 = 3.066

Grade point averages are calculated at the conclusion of each semester. Courses with grades S, U, W, NG, and CR are not considered part of the total hours attempted for purposes of determining a student’s GPA, but these grades are recorded on the student’s academic record.

A SEMESTER GPA represents the average of grades for one semester, and a CUMULATIVE GPA reflects the average of grades for all courses taken at Illinois Central College. If courses taken at
Illinois Central College are repeated at this institution according to specified repeat procedures, both grades appear on the transcript but only the higher grade will be included in the GPA computation. Questions regarding GPA should be referred to Enrollment Services, L211, (309) 694-5581.

Grading System
Illinois Central College uses the following letter grades, definitions and grade point equivalent as its official grading system.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
<th>Grade Points Per Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.00</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3.00</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2.00</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>1.00</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0.00</td>
</tr>
<tr>
<td>FA</td>
<td>Attendance Failing</td>
<td>0.00</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal Failing</td>
<td>0.00</td>
</tr>
<tr>
<td>FX</td>
<td>Grade Excluded</td>
<td>No grade point</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>No grade point</td>
</tr>
<tr>
<td>S</td>
<td>Successful</td>
<td>No grade point</td>
</tr>
<tr>
<td>U</td>
<td>Unsuccessful</td>
<td>No grade point</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>No grade point</td>
</tr>
<tr>
<td>NG</td>
<td>No Grade</td>
<td>No grade point</td>
</tr>
<tr>
<td>NR</td>
<td>Not reported by instructor</td>
<td>No grade point</td>
</tr>
</tbody>
</table>

FA: The student has attended through the midterm of the class then ceases to attend for the duration of the term. The FA grade factors into the grade point average as a failing grade. To avoid the FA grade, students must officially withdraw.

WF: Awarded to student who, without instructor approval, voluntarily withdraws from a class after the last day to withdraw without penalty. This grade will factor into the student’s GPA as a grade of “F”.

FX: The student has met the requirements for grade exclusion. The grades with FX do not factor into the ICC grade point average. For complete details see the section on the Grade Exclusion Policy.

I: Indicates the student has not completed requirements for the course. No grade points or credit hours will be given in a course for which the I grade was given. The student must complete all requirements for each course in which an incomplete grade has been received 90 days after final grades have been posted for that class(es); otherwise, the grade will be changed by Student Services to an F. When the student has completed the requirements for a course within the allotted time, the incomplete grade will be changed on the permanent record to the appropriate letter-grade.

NG: Indicates a Community Education non-credit activity which does not receive a grade or earn grade points.

NR: No grade reported by instructor.

Transcript Requests
East Peoria Campus • L211 • (309) 694-5609
Thomas Building, Downtown Peoria • (309) 999-4500
Cedar Hall, ICC North • (309) 690-6870
ICC South, Pekin • (309) 642-6601

Official transcripts of credit earned at Illinois Central College can be requested by current and former students, and can be sent to another individual, business, or school.

Official transcripts can be requested online at (www.icc.edu/ transcripts) and cost $3 per transcript.

Online requests are the most time efficient and cost effective, however paper requests can be submitted by mail or at any Enrollment Services office on all ICC campuses and cost $5 per transcript. In situations where a transcript is necessary for immediate use, one may be provided within an hour for a $10 per copy fee. This service is available 8:30am-3:00pm Monday through Friday at Enrollment Services, L211, East Peoria Campus only.

The College will not forward the original copy nor a copy of any transcript received by the College from another institution or agency to the student or a third party/institution. Transcripts, test scores, etc., must be requested by the student directly from the originating institution or agency.

Unofficial copies of transcripts can be obtained online at www.icc.edu; however, unofficial copies are not generally accepted by other institutions. A student’s official transcript will be withheld if the student has not met all financial obligations to the College.

D.E.T.A.I.L.S.* Student Development Transcript
The Student Development transcript is designed as an official document to accompany resumes or scholarship applications and to supplement the academic transcript. It is a self-reported record, with verification by an advisor or supervisor, of a student’s co-curricular activities, service, leadership development, honors, or awards while at Illinois Central College.

To participate in the Student Development Transcript Program, please contact the Student Learning and Engagement Office, 305B, phone (309) 694-5201.

*Development of Excellence Through Activities and Involvement in Leadership and Service

Intercollegiate Competition
A student is eligible to participate in a particular intercollegiate competition for a maximum of four (4) semesters providing he/she is in good academic standing. A student may not participate during any period when he/she is on academic probation unless approval is granted by the Vice President of Student Affairs. The minimum number of credit hours in which a student must be enrolled is determined by the organization governing the competition.

Educational Rights and Responsibilities
Students have the same rights accorded all citizens, including the right to free, open, and responsible discussion and inquiry, and the right to a quality education in a program of study provided by competent instructors. It is the right of each student at Illinois Central College to:

• study any controversial issue with political, economic, or social significance and concern
• have free access to all relevant information, including materials which circulate freely in the community
• study under competent instructors in a healthy, responsive atmosphere free of bias and prejudice
• form and express personal opinions on controversial issues without jeopardizing their relationship with instructors or the College
• be treated fairly and with full respect
• be accorded the best efforts of instructors, including access through regular office hours.

In return, students are expected to conduct themselves as responsible members of the academic community. Disruption of the educational process and violation of the rights of others constitutes irresponsible behavior. Faculty members reserve the right to establish a classroom environment that is conducive to learning and equitable to all.

Specific responsibilities of Illinois Central College students include:
• attending classes regularly and explaining reasons for absences to instructors
• intelligent care of equipment and facilities used
• abiding by the expectations established in the course syllabus
• actions characterized by honesty
• refraining from:
  – giving false or misleading information to any College official or tampering with any College record
  – possessing or taking any narcotic, stimulant, or drug except as prescribed by a physician
  – giving, exchanging, or selling any drug to another person
  – possessing or consuming any alcoholic beverage on campus
  – giving, exchanging, or selling such beverages to another
  – using the College name or emblem in an unauthorized or unseemly manner.

Contrary actions such as plagiarism or giving unauthorized help on examinations, may result in disciplinary action ranging from a failing grade for the assignment or exam to dismissal from the College.

For more information see “Academic Misconduct” page 6.

Students are responsible for knowing and abiding by all College regulations, together with federal, state, and local laws. These are enforced by appropriate civil, state, or College authorities. If students are in doubt about any particular matter, they should consult the Vice President of Student Affairs, East Peoria Campus, Room L221.

Educational Guarantees

Illinois Central College guarantees the mastery of entry-level technical skills in Associate in Applied Science Degree and Occupational Certificate programs, and guarantees the transfer of courses toward the credit-hour requirements for a bachelor degree at a four-year institution. If judged by an employer to be lacking in technical skills, a graduate shall be provided a maximum of nine credit hours of additional skill training at Illinois Central College without tuition charge. If a course does not fulfill the transfer guarantee, the student may receive either a tuition refund for that course, or tuition-free enrollment in a course to correct the deficiency. This policy became effective for students enrolling in the fall of 1993 and subsequent semesters. Although tuition for approved courses will be waived, the student is responsible for any other costs associated with taking the courses. Listed at right are the conditions for these guarantees. Contact the Academic Affairs Office, (309) 694-5784 or academicaffairs@icc.edu for more information.

Guarantee of Technical Competence

1. The student must be employed full-time in a job directly related to his or her program of study within one year of graduation from the approved ICC program.

2. The employer must verify in writing within 90 days of the graduate’s initial employment that the graduate lacks competency in specific technical skills as represented in the degree description and course syllabi.

3. The student must have graduated within five (5) years of initial enrollment in the program.

4. Prerequisites and other admission requirements for retraining courses must be met and are not included in the courses covered by this guarantee.

5. All retraining must be completed within two (2) calendar years after the claim is made.

6. The retraining will be limited to courses regularly offered by the college.

7. A written retraining plan must be developed by the employer, the graduate, and the appropriate instructional administrator, specifying the courses needed for retraining and the competencies to be mastered.

8. This guarantee does not imply that the graduate will pass any national, regional and state board licensing or qualifying examination for a particular career.

Guarantee of Credit Transfer

1. During each semester at Illinois Central College, the student must meet with his/her assigned advisor to plan an appropriate course of study, based upon the requirements of the institution to which the student intends to transfer. Registration cards must be signed by the student’s assigned advisor.

2. The employer must verify in writing within 90 days of the graduate's initial employment that the graduate lacks competency in specific technical skills as represented in the degree description and course syllabi.

3. Only courses designated “Transfer Credit” in the Illinois Central College Catalog are covered by the guarantee.

4. Within one year of graduation from Illinois Central College, the student must notify the Academic Affairs Office, in writing, of the courses that did not properly transfer. Upon notification, Illinois Central College has up to 90 days to investigate and to resolve the problem with the transfer institution. After the 90 days, the College will provide a refund of the monies paid for tuition and any lab fees for courses which did not transfer, or tuition-free enrollment in courses to correct the deficiency if such courses are available. The choice between the refund or the tuition-free enrollment is the student’s.

Student Rights and Responsibilities

Students have the right to review their educational records and to limit the release of information under the College’s policy on the Confidentiality of Student Records. This policy complies with the Family Educational Rights and Privacy Act of 1974.
Student Policies and Procedures

Residency Requirements .......................................................... 12
Minimum Age Policy ................................................................ 13
International Students .......................................................... 13
Evaluation of Transfer Credit .................................................. 13
Credit for Prior Learning ....................................................... 14
Credit for Service in the Armed Forces ................................. 14
Senior Citizens ..................................................................... 14
Enrollment Procedure ........................................................... 14
Enrolling in Classes .............................................................. 14
Student Status ....................................................................... 15
Maximum Load ...................................................................... 15
Withdrawal from Classes ..................................................... 15
Repeating Classes ................................................................. 15
Credit Hour .......................................................................... 16
Cancellation of Classes ......................................................... 16
Chargebacks ......................................................................... 16
Inter-district Cooperative Educational Agreements .............. 16
High School Inter-district Cooperative Agreements ............ 16
Residency Requirements

As a public community college within the State of Illinois, Illinois Central College adheres to current residency requirements set forth by the Illinois Community College Board and the State Board of Education. With this in mind, students who are legal residents within District 514 are afforded a reduced tuition rate compared to other non-residents.

To verify that you are able to be classified as an in-district student, you will be asked to provide one (1) document showing your College District 514 address from EACH of the categories listed below. Each category must be represented for the residency appeal to be approved.

<table>
<thead>
<tr>
<th>Category I</th>
<th>Category II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valid Illinois Driver's License</td>
<td>Payroll Stub</td>
</tr>
<tr>
<td>Valid Illinois State ID</td>
<td>Utility bill</td>
</tr>
<tr>
<td>Voter Registration Card</td>
<td>Bank Statement</td>
</tr>
<tr>
<td>Previous Year's Federal/State Tax Return</td>
<td></td>
</tr>
<tr>
<td>Employer W-2 form</td>
<td></td>
</tr>
<tr>
<td>Rental Contract/Lease</td>
<td></td>
</tr>
<tr>
<td>Residential Property Tax Bill</td>
<td></td>
</tr>
</tbody>
</table>

Students who don’t meet these residency requirements may still be able to attend ICC at in-district rates. Contact Enrollment Services to discuss your situation (694-5354).
Minimum Age Policy

It is the intent of Illinois Central College to supplement the educational endeavors of students who have not completed their high school curriculum and are of high school age, however not to become the primary educational provider. ICC will consider limited enrollment on a case-by-case basis using the guidelines listed below.

ADMISSION

The student must be enrolled on a full-time basis at a district elementary or secondary institution or be officially enrolled in a home education program.

The student must follow the enrollment steps that are required for all ICC students, as well as demonstrate college-level academic readiness on placement tests.

Some programs of study have additional admission requirements beyond what are listed in this policy. Those can be found in the catalog under Programs of Study.

MINIMUM AGE

The student must be at least 16 years old to enroll at ICC on a part-time basis in up to seven (7) credit hours.

To enroll full-time (12 or more credit hours) at ICC, the student must be at least 17 years old, and must have received a high school diploma/GED.

Exceptions to this policy are rare, but will be considered on a case-by-case basis. To request an exemption to the policy, begin by submitting a written request to the Director of Enrollment Services and Student Life which details the course of interest and the special circumstances that should be taken into consideration.

In addition to the steps listed above, students who are admitted on a contingent basis must:

- Meet with the Director of Enrollment Services and Student Life prior to enrollment and complete a waiver that states the student and parent understand that the student is responsible for final grades earned in all ICC classes, and that class curriculum and content are designed for adult students.
- Meet with an academic advisor each semester before registering for classes.
- Make adequate academic progress (maintain a cumulative GPA of 2.0 or better) in order to enroll in classes during subsequent semesters. If a student does not make adequate progress after one semester the student will then be expected to wait until high school graduation and/or the age of 17 before re-enrolling.

Some programs of study at ICC have additional age requirements beyond what is listed in this policy. See specific programs of study in the catalog for more information.

If you have additional questions, please contact Enrollment Services at 694-5354.

DUAL-ENROLLMENT/DUAL CREDIT

The student must be enrolled on a full-time basis at a district elementary or secondary institution or be officially enrolled in a home education program.

The student must be at least 16 years old to enroll at ICC on a part-time basis in up to seven (7) credit hours.

Part-time enrollment at ICC for students who are at least 16 years old can supplement a high school curriculum.

Potential high school dual credit students who successfully complete admission requirements may enroll in courses, despite high school grade level or age. The dual credit students receive high school and college credit at the same time. For more information, contact the Dual Credit Coordinator, (309) 694-5534.

Students enrolled in dual credit courses are encouraged to read and understand all ICC enrollment and withdrawal policies.

Federal student aid is available for qualifying high school graduates (regardless of age) enrolled in credit courses leading to a degree or certificate at ICC.

Illinois student aid is only available for high school graduates who are at least 17 years of age.

Any student eligible for federal student aid may also apply for ICC Educational Foundation Scholarships and private scholarships offered by ICC.

International Students

International students are required to contact the Director, International Education, (309) 694-8817, or the International Education Coordinator, (309) 694-8947. International students must read and write English, understand English when spoken, and speak easily understood English. All international students must take a TOEFL, IELTS, or CET (China) exam to assess their English abilities. ICC offers assistance with English language learning for students with low TOEFL scores. All International students will also be required to take placement tests.

International students are required to enroll in a minimum of 12 credit hours each semester. The International Education office will issue the I-20 form only after all documents have been submitted and the application has been accepted.

Evaluation of Transfer Credit

Students pursuing a degree or certificate at ICC who are interested in receiving credit from college level coursework taken from another institution should have their official transcripts sent directly to Illinois Central College as early as possible for evaluation. Once ICC receives an official transcript(s) it is automatically evaluated.

Information regarding the date the transcript was received is available in the student's eServices account. Keep in mind that only your credits may transfer, but individual grades will not be factored into your ICC cumulative grade point average. Once completed, a student's transcript evaluation summary will be available to view in the student's eServices account.

Transfer of credit may be considered for lower division coursework that has been successfully completed from the following categories of academic institutions:

Regionally Accredited: Degree-granting public, private, nonprofit, two- and four-year institutions in the United States conferred by the Higher Learning Commission, and/or parallel accrediting agencies in other regions of the United States.

Non-Regionally Accredited: Specialized institutions in the United States, including distance learning providers recognized by the Council of Higher Education Accreditation (CHEA) and the U.S. Department of Education.
Non-United States Institutions: Institutions that hold accreditation through the home country’s Ministry of Education to award professional degrees, certificates, and licensures. Course work from non-United States institutions must be evaluated by an approved agency such as World Education Services (WES.org).

Military/DANTES: Credit achieved through military training or examination may be considered for transfer according to the Guide to the Evaluation of Educational Experiences in the Armed Services by the American Council on Education (ACE).

Additional information on evaluation of transfer credit can be obtained from Enrollment Services, L211, (309) 694-5611.

Credit For Prior Learning
Several methods are available for students to test their knowledge/ prove their learning about a variety of subject matter in which the student feels proficient and thereby earn non-traditional college credit. Credit for prior learning can save a student valuable time needed for other subjects, in addition to being a financial savings. Credit for prior learning can be a jump-start to a college certificate or degree. Examples of credit for prior learning accepted at Illinois Central College are:

- Military credit (see below)
- CLEP exams (see Testing Center, page 316)
- Advanced placement exams (see Testing Center, page 316)
- Dual credit (see page 308)
- Transfer credit (see page 13)
- Departmental proficiency exams (see Testing Center, page 316)
- Portfolio development via the Council on Adult and Experiential Learning’s (CAEL) “Learning Counts” course (contact Academic Affairs for more information, (309) 694-8584)

Credit For Service and Education in the Armed Forces
Illinois Central College recognizes for college credit certain training experience in the U.S. armed forces.

To have military education credits evaluated and posted to Illinois Central College records, official transcripts from The Community College of the Air Force or the Army (AARTS) must be sent directly to the College from the appropriate institution. It is the student’s responsibility to request the transcript be sent directly to Illinois Central College.

Any other military education for which students wish to receive consideration for credit must be listed on the DD-214 or DD-295. Students must bring a copy of their DD-214 or DD-295 to Enrollment Services, and will be asked to use the DANTES guide to identify the course descriptions. Eligible veterans, as outlined below, may receive an additional six hours of credit upon submission of their DD-214. The credit consists of four credit hours of physical education and two credit hours of hygiene. Review of the DD-214 or DD-295 will be completed by a designated Enrollment Services staff member.

To be consistent with federal guidelines, an “eligible veteran” is defined as one who meets the following criteria:
1. Served on active duty for a period of at least 180 days or;
2. Was released/discharged from active duty because of a service connected disability, or;
3. Served as a member of a reserve component under an order of active duty during a period of war or in a campaign or expedition for which a campaign badge is authorized.

(Reference Public Law 102-127).

To ensure maximum veteran education benefits, please contact the ICC Veterans Affairs at (309)694-5562 or in Room 305B on the East Peoria campus.

Senior Citizens
College District 514 residents who are 65 years of age or older at the start of the semester in which they enroll, are entitled to a tuition waiver for credit classes only. However, these students must pay any required fees and purchase textbooks and supplies.

Enrollment Procedure
New students enrolling at ICC need to complete the following:
1. Fill out an admission form, available online (www.icc.edu) or you can complete a paper copy available at Enrollment Services on all campuses.
2. Send all high school and college/university transcripts and ACT scores. All transcripts and test scores need to be official copies sent directly to ICC (see address below) from the institution.
3. Take the academic placement tests. You can schedule a testing appointment online (www.icc.edu/testingCenter).
5. Apply for an ICC scholarship. Fill out an online application between January 15 and April 1 (www.icc.edu/scholarships).
6. Make an appointment to meet with your academic advisor. Your academic advisor’s name and contact information is listed in your welcome email and letter that you received upon completing your admission form as well as is available in eServices. General advising (for undecided programs of study) can be reached at (309) 694-5281.
7. Enroll in the classes you have picked out with your academic advisor. You can enroll online in eServices or at an Enrollment Services office on any campus.
8. Attend New Student Orientation. To reserve your space at your date of choice, go to (www.icc.edu/orientation) or call (309) 694-5560.

Former ICC students must complete a new admission form if the last class you took was five or more years ago.

All enrollment materials should be sent to:
Enrollment Services, L211
Illinois Central College
1 College Drive
East Peoria, IL 61635-0001

Enrolling in Classes
Courses scheduled for each semester and summer session are published by the College. The schedule lists day, time and location of classes, and dates and times for registration. The Summer/Advanced Fall Class Schedule booklet is generally available the preceding March; the Spring Class Schedule booklet, the preceding October; and the Fall Class Schedule booklet in July. Schedules are available online (www.icc.edu) and may be obtained in person at all College sites.
Before enrolling for classes, FULL-TIME STUDENTS MUST MEET WITH THEIR ACADEMIC ADVISOR to plan a specific course schedule meeting Illinois Central College requirements, personal needs, and, if appropriate, four-year institution transfer requirements. The required approval will be obtained from the advisor at this time. PART-TIME STUDENTS are encouraged to meet with an academic advisor or counselor to receive full benefit of their continuing education. ALL OUTSTANDING FINANCIAL OBLIGATIONS MUST BE PAID BEFORE ENROLLING.

Instructions and enrollment options/dates are provided in the class schedule.

Community Education classes offered by ICC's Professional Development Institute (PDI) are listed in a separate publication entitled Adult Community Programs. To request a copy, call (309) 999-4545 or visit the PDI web site at www.icc.edu/acp/.

Student Status

FULL-TIME STUDENT

Students enrolled for 12 or more credit hours are classified as full-time. These students are entitled to and encouraged to use all the academic support systems and college facilities available. Students enrolled in six or more credit hours during the summer session are classified as full-time.

PART-TIME STUDENT

Students enrolled for eleven or fewer credit hours are classified as part-time. These students are entitled to and encouraged to use all the academic support systems and college facilities available to full-time students. Students enrolled for five or fewer credit hours during a summer session are classified as part-time.

Maximum Load

The recommended maximum load for a student during an academic semester is 16 credit hours, unless the program of study requires a number of hours in excess of 16. The recommended maximum load for summer is 9 credit hours. Prior to enrolling for more than 18 credit hours during a semester (or for more than nine credit hours during the regular summer session) permission MUST be obtained from the dean/associate dean in the student's curriculum area. Students with less than a "B" (3.0) grade average are discouraged from attempting more than 18 credit hours. Students on academic probation, re-admitted suspended students, and students in certain programs may be limited to a lesser number of hours. Since study time of two hours is normally required for each lecture hour of class, students carrying a full-time course schedule should be employed no more than 10 to 15 hours per week. EXCESSIVE EMPLOYMENT IS ONE OF THE PRINCIPLE CAUSES OF ACADEMIC FAILURE IN COLLEGE. In most cases, employment in excess of 15 hours per week should be accompanied by corresponding reduction of course schedule.

Withdrawal from Classes

When necessary to withdraw from a class or classes, you may do so at anytime until 75% of the class has elapsed.

Withdrawals are accepted online, by mail, fax, or in person at the East Peoria Campus (L211); Downtown Peoria; ICC North, Cedar Hall; or ICC South, Pekin.

If you experience problems when trying to withdraw online, you must contact the ICC Help Desk within 24 hours of your attempt so that we may research the problem. Call the ICC Help Desk at (309) 694-5457 or e-mail enroll@icc.edu. If you do not make this contact, your situation will be handled in accordance with the current ICC enrollment policies.

Students may withdraw from a class until the withdrawal date listed on their class schedule. All students are financially responsible for tuition and fees for classes that they enroll into during a semester. However, if the withdrawal occurs on or before the refund date listed on the class schedule, the student may be entitled to a refund of tuition.

MAILED OR FAXED WITHDRAWALS

The envelope or fax must bear a postmark prior to or on the withdrawal (or refund) date published for the course in the class schedule.

Mailed or faxed withdrawals received during the weekend that bear the appropriate date on the envelope or fax receipt will be processed the following business day. If you have any questions, please contact Enrollment Services for verification.

LATE WITHDRAWALS

Withdrawals after the end date listed in the class schedule will be considered late. For more information on the process see “Request for Late Withdrawal Grades,” in the Student Handbook.

WITHDRAWAL FOR NON-ATTENDANCE

Students who are identified as a non-attender by their instructor will be withdrawn from the class at midterm. Students recorded as non-attenders will be notified by mail that they have been administratively withdrawn from the class without refund of tuition. Instructors have individual and often varying policies regarding non-attendance withdrawals. Do not assume you will be withdrawn if you never attend or stop attending a class.

If space is available, and if approval from department and instructor are obtained, then students may re-enroll in a class from which they have been withdrawn.

Non-attendance without an official withdrawal constitutes a failing or unsatisfactory grade.

Students are financially responsible for tuition and fees for all classes not officially dropped by the appropriate refund date.

Repeating Classes

Students may repeat any class attempted at this institution for which they received a D or F grade. The original D or F grade will remain on the transcript but will not be included in the calculation of the Illinois Central College cumulative grade point average. Students may not repeat classes which earned an A, B, or C grade unless the Catalog specifically states in the course description the class may be repeated.

A student who has been admitted to a Health Careers program and who has (a) received a grade lower than “C”, or (b) received an unsatisfactory grade in a health program course, or who has (c) withdrawn, may seek readmission by initiating a written request through the Dean of Health Careers. A student may be readmitted to the program only once and may repeat such a class only once.

A student who seeks readmission may be asked to demonstrate retention of previously learned skills or may be required to repeat the entire program vocational sequence. Space availability is a consideration in evaluating the readmission request.
Questions regarding repeating classes should be directed to Enrollment Services, L211.

Note: Students planning to transfer to another college are cautioned that many colleges include all grades earned to compute the transfer cumulative grade point average.

**Credit Hour**

Illinois Central College defines a credit hour as an amount of work represented in goals or intended learning outcomes, and verified by evidence of student achievement, that reasonably approximates not less than fifty minutes of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately sixteen weeks for each credit hour earned.

**Cancellation of Classes**

The College reserves the right to cancel class sections due to insufficient enrollment. Students registered in canceled classes should arrange to enroll in another class or receive a refund.

**Chargebacks**

Illinois Central College is a partner within the Illinois Partial Student Support Program. The intent of this agreement is to expand the educational programs that are provided to students within District 514, as well as offering programs to Illinois students from outside District 514.

The chargeback reduces the student's tuition obligation to the current in-district rate of the receiving institution while the student's home community college provides partial tuition support (chargeback payment) directly to the receiving institution.

The Agreement works in two ways:

1. A District 514 student can enroll in a curriculum (major) that is not offered by Illinois Central College but is offered by another Illinois two-year college.
2. A non-District 514 student (Illinois resident) can enroll at ICC in a curriculum (program) that is not offered by their home community college district.

District 514 students continue to have the choice of attending any two-year college within Illinois. However, if ICC has entered into a Cooperative Agreement with a school that offers the selected curriculum, ICC will not approve a chargeback agreement request for the student to attend a separate institution.

For more information on the chargeback agreement, contact Illinois Central College Enrollment Services, Room L211, phone (309) 694-5354.

**Inter-district Cooperative Educational Agreements**

Working cooperatively with various Illinois two-year colleges, Illinois Central College has agreed to participate in the Community College Educational Agreement (Cooperative Agreement). The intent of this agreement is to expand the educational programs that are provided to students within District 514, as well as offering our programs to Illinois students from outside District 514.

The Cooperative Agreement reduces the student's tuition obligation to the current in-district rate of the receiving institution.

The Agreement works in two ways:

1. A District 514 student can enroll in a curriculum (program) that is not offered by Illinois Central College but is offered by a participating two-year college.

2. A non-District 514 student at ICC in a curriculum (major) that is not offered by their home community college district.

The chargeback and cooperative agreement form can be obtained at the following web address: www.icc.edu/futurestudents/forms.asp

The following Illinois two-year institutions that have signed on to the Community College Educational Agreement are listed below:

Black Hawk College  Lewis and Clark Community College
Carl Sandburg College  Lincoln Land Community College
Danville Community College  McHenry County College
Elgin Community College  Moraine Valley Community College
Heartland Community College  Morton College
Highland Community College  Prairie State College
Illinois Central College  Rend Lake College
Illinois Valley Community College  Richland Community College
John Wood Community College  Rock Valley College
Joliet Junior College  Sauk Valley Community College
Kankakee Community College  South Suburban College
Kaskaskia College  Southwestern Illinois College
Kishwaukee Community College  Spoon River College
Lake Land College  Waubonsee Community College

Additional institutions may be added on an annual basis. For more information on the Cooperative Agreement, contact Illinois Central College Enrollment Services, Room L211, phone (309) 694-5354.

**High School Inter-district Cooperative Agreements**

Illinois Central College is committed to making the educational experience both accessible and affordable to all students whether they reside within Community College District 514 or one of the surrounding districts. To this end, ICC has agreed to partner with our bordering community colleges to develop the High School Inter-District Cooperative Agreement.

The High School Cooperative Agreement works to provide reduced tuition to any recent graduate from one of the high school districts within District 514 that educate students from both District 514 and bordering community college districts. The specific high schools included are listed below:

- El Paso-Gridley District #11 (graduated since 2004)
- Farmington District #265 (graduated since 2005)
- Fieldcrest District #6 (graduated since 2005)
- Flanagan-Cornell District #74 (graduated since 2004)
- Henry-Senachwine District #5 (graduated since 2005)
- Illini Bluffs District #327 (graduated since 2000)
- Illini Central C.U.S.D. #189 (graduated since 2006)
- Midland District #7 (graduated since 2005)
- Midwest Central District #191 (graduated since 2000)
- Princeville District #326 (graduated since 2005)

For more information on the High School Inter-District Cooperative Agreement contact Illinois Central College Enrollment Services, Room L211, (309) 694-5354.
Tuition

Tuition Due Dates .............................................................. 18
Cost Per Credit Hour .......................................................... 18
Tuition Payment Options .................................................... 18
Tuition and Financial Aid Refunds ..................................... 18
IRS Form 1098-T ............................................................... 19
Dropping Classes/Refunds ................................................ 19
Tuition Appeals ................................................................. 19
Additional Fees ............................................................... 19
Tuition Due Dates
Tuition is due according to dates published in the current Class Schedule. Due dates for each semester can also be viewed at www.icc.edu/currentstudents/studentaccounting.asp. Financial arrangements must be made by the due date to ensure you remain registered for your classes. District chargebacks, inter-district cooperative agreements or agency authorizations must be received by the tuition due date to ensure your account balance is adjusted or you will be responsible for the full tuition amount due by the due date. These authorizations may be submitted to Enrollment Services, Room L210, on the East Peoria campus. Illinois Central College reserves the right to change tuition without notice and to assess additional charges associated with administration, collection fees and any other charges incurred by the College in resolving unpaid balances.

Cost Per Credit Hour
per credit hour
$125  ICC district residents
AND  Out-of-district, Illinois residents* authorized by their Community College for partial payment
AND  Web classes for district and out-of-district residents
$270  Out-of-district, Illinois residents* NOT authorized by their Community College for partial payment
$310  Out-of-state residents and International Students
varied Community Education activities and Professional Development Institute (costs associated with class)
free  ICC district residents 65 and older, credit classes only (not including fees)

*If you reside in an Illinois community college district which does not offer a program that is available at Illinois Central College, you may be eligible for a district chargeback or an inter-district cooperative agreement from your legal, or home district. Please contact your home district community college for the application, and once approved by your home district, the application must be submitted to Illinois Central College immediately to ensure your account balance is adjusted to reflect the in-district tuition rate. District chargeback applications must be approved by the Board of Trustees of your home district and should be submitted at least 30 days prior to the beginning of the semester. ICC reserves the right to change tuition without notice.

Tuition Payment Options
ICC no longer sends paper bills to students through the mail. You will be notified through your ICC student email anytime there is a change in your account. For more information on how to access your ICC student email, please visit www.icc.edu and select “Email Basics” under “ICC eServices Login”.

PAY IN FULL
You can pay your tuition in full by cash, check, credit card or electronic bank transfer (E-check).

- Cash is only accepted in person.
- Checks are accepted in person or via mail.
- Credit card payment is accepted in person, online, over the phone or by mail. ICC accepts Visa, MasterCard and Discover for the payment of tuition and fees. If you’re paying by credit card in person, please bring picture identification (driver’s license, state ID card, etc.) to confirm you are the cardholder.
- Electronic bank transfers (E-checks) are accepted online ONLY. PLEASE NOTE: If you mail your payment, it must arrive by the due date to ensure you remain registered for your classes. If payment is not received by the due date, you will be dropped from your classes and will have to re-register.

Tuition and Financial Aid Refunds
To ensure timely and accurate delivery of your refund monies, ICC offers eRefund services to students. To take advantage of this service, you must set up an eRefund account through your eServices account. Select the “make a payment and direct deposit refund setup” link. You can find detailed instructions on setting up this account by checking out the video at www.icc.edu/financialaid/.

It is the policy of ICC to deduct from a student’s refund any outstanding obligation when the refund is processed. Obligations include, but are not limited to, tuition, NSF checks, institutional emergency loans, traffic fines, library fines, etc. By law, ICC is allowed to use financial aid refund dollars to pay any outstanding obligation for tuition and fees for a prior term within the same academic year but only $200 can be used to pay an obligation from a previous academic year. It is the student’s responsibility to ensure any remaining balance is paid in full or future services (registration, transcripts, etc.) will be withheld from the student. Financial aid refund checks not cashed within 60 days will be cancelled and the funds will be returned back to the Federal Student Aid program. All authorized refunds, including those for canceled classes, will be processed approximately the fourth week of classes.
IRS Form 1098-T

As a college student, you (or your parents or guardians) may be eligible for a tax credit for tuition expenses. To assist you, ICC provides the IRS Form 1098-T to students and reports qualified tuition and fees that were billed during the calendar year, rather than the amount that was paid. In general, qualified tuition and fees are considered to be billed when you register for the classes. It is the student's responsibility to ensure ICC has the correct Social Security Number of Taxpayer Identification Number (TIN) on record for tax reporting purposes. If you would like to receive the Form 1098-T with your TIN information, you are required to submit an IRS Form W-9S informing ICC of your TIN for reporting purposes. Please visit www.irs.gov to obtain the PDF version of IRS Form W-9S. This form must be submitted to Enrollment Services, Room, L211, on the East Peoria campus.

To make sure you always have access to this form (for current year and previous years), ICC encourages you to sign up to receive this form through your eServices account. The electronic version assures that you will be able to access your form as soon as it's available. For more information and instructions to sign up for the electronic form, please visit www.icc.edu and select “Sign up for electronic 1098-T form.”

HOPE Scholarship and Lifetime Learning are tuition tax credits that may be available to you if you qualify. Please check with the IRS or your tax prepared for additional information on the tax credit. ICC does not provide tax advice regarding tuition tax credits.

Dropping Classes/Refunds

ICC will drop all tuition charges or give 100% refunds of tuition for any decrease in credit hours including complete withdrawal from the College if you officially withdraw online or in person prior to the refund date(s) for the course(s). Refund dates vary and are listed for each course on the student's class schedule. The ICC class schedule can be viewed at www.icc.edu/classschedule.

For more information and for instructions on how to officially withdraw from a course, refer to the “Withdrawal from Classes” section found on page 15. Other attempts to withdraw are not considered official and will not be honored for a refund. A student will be held financially responsible for tuition and fees for all classes not officially dropped by the refund date.

In the event the College cancels a class, a total refund of tuition and fees related to the class will be made if the student does not change to another class.

Tuition

Tuition Appeals

Outstanding Tuition Balance/Refund Appeals will be considered only when justified by extenuating circumstances such as illness, mandatory job changes, accident, death or illness in immediate family which prevent continued attendance in the class(es). Supporting documentation must be submitted or the request will not be accepted. There is a limited period of time for the return of textbooks with a full refund. For information on a refund for textbooks, please contact the ICC Bookstore at (309)694-5207. All tuition appeals must be submitted by the last business day of the month following the term for which the student is appealing the tuition.

Refund requests based on non-attendance or unawareness of refund dates or procedures are not considered an extenuating circumstance and the appeal will not be accepted.

Additional Fees

<table>
<thead>
<tr>
<th>Service</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collection Fee</td>
<td>$50 per account balance submission</td>
</tr>
<tr>
<td>Late Payment</td>
<td>$10 each month until paid in full</td>
</tr>
<tr>
<td>Plan Installment</td>
<td></td>
</tr>
<tr>
<td>NSF Check</td>
<td>$20 per check or E-check</td>
</tr>
<tr>
<td>Online Transcript Request</td>
<td>$3 per request</td>
</tr>
<tr>
<td>Walk-in and Mailed Transcript Request</td>
<td>$5 per request</td>
</tr>
<tr>
<td>“While-you-wait” Transcript Request</td>
<td>$10 per request</td>
</tr>
<tr>
<td>Application for Degree (Graduation)</td>
<td>$15 nonrefundable fee</td>
</tr>
<tr>
<td>(Graduation)</td>
<td>($25 additional fee for a late application)</td>
</tr>
</tbody>
</table>
Financial Assistance

Financial Assistance .......................................................... 22

Scholarships ................................................................. 24

Special Academic Services .............................................. 24
Financial Assistance
East Peoria Campus • L209 • (309) 694-5311
financialaid@icc.edu

Illinois Central College is committed to the philosophy that all individuals who need, want and are able to benefit from higher education should be provided the opportunity to realize their aspirations and goals. Illinois Central College offers a variety of financial assistance to students who may encounter difficulty in meeting financial obligations while pursuing their education. Major types of assistance include the Federal Pell Grant, State of Illinois Monetary Award Program (MAP), Federal Direct Loan Program, Federal Work Study Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), and scholarships.

To apply and to be considered for financial assistance you must:

• Complete the ICC Admissions Application. The application can be completed by visiting www.icc.edu/futurestudents and select, “Apply Online Now”.

• Submit the Free Application for Federal Student Aid (FAFSA). You must enter ICC’s school code #006753 for your information to be processed by ICC. The FAFSA can be submitted electronically with the government at www.fafsa.ed.gov. The ICC Financial Assistance staff is able to provide assistance with completing the FAFSA. Please visit the Financial Assistance Office, (309) 694-5311 or email financialaid@icc.edu for assistance.

• Have enrolled or have been accepted to enroll in a program of student requiring 24 credit hours or more.

• Are in compliance with the Satisfactory Academic Progress Standards (SAP) prior to and following receipt of financial assistance. All students applying for assistance must meet GPA (cumulative 2.0) and completion rate (cumulative 67%) requirements. In addition, the student must not have attempted the maximum hours allowed for the program. In general, this requirement is 1.5 times the number of hours required to complete the program. Students not meeting SAP standards will be notified in writing through their student email account. Students may be reinstated for financial assistance once they meet SAP requirements. Students may appeal their loss of assistance eligibility if extenuating circumstances exist. For a detailed explanation of SAP, please visit www.icc.edu/financialaid/eligibility. PLEASE NOTE: By law, all coursework on a student’s transcript must be reviewed for purposes of determining SAP, even if previous hours attempted were not paid by Federal Student Aid.

• If additional information is requested by ICC, you will receive the request through your ICC student email account. All requested documentation, must be received as soon as possible. Your FAFSA will not be processed until all documentation is received.

• If you are requesting student loans, you must submit all paperwork required. Please visit www.icc.edu/financialaid/directloans.asp for a list of documents required for the loan application.

Students are encouraged to complete the FAFSA form as soon as possible after January 1 of each year. Applications are accepted throughout the year. However, completed applications received by June 1 of each year are given priority status when determining eligibility for limited funded grants such as FSEOG and Federal Work Study.

RETURN OF FINANCIAL AID FUNDS

Financial aid funds are awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. Students should understand that changing their class schedule anytime during the semester may alter the amount of financial aid they are eligible to receive.

If a student falls below 6 credit hours and has a student loan, the student may no longer be eligible to receive the loan.

If a student withdraws from all classes, the student may not have earned all of the aid they were awarded. A Return to Title IV calculation must be done to determine the amount of earned and unearned aid the student has for the semester. If it is calculated that a student was disbursed more funds than were earned, the unearned funds must be returned back to the Federal Student Aid programs.

If it is found that the student owes part of all of their financial aid back to the Department of Education, ICC will return the funds and the student will owe ICC. This balance must be paid before future enrollments are allowed. The student will be notified of any Return to Title IV obligations.

FINANCIAL AID OVERPAYMENT

A financial aid overpayment occurs when a student has been disbursed more aid than they are eligible to receive. This typically happens when a student changes their enrollment level by dropping classes before the refund dated listed on their class schedule AFTER they have already been disbursed their financial aid.

If an overpayment situation occurs, the student will be notified alerting them to the situation and steps to be taken to resolve the situation. If the overpayment is not resolved, and the Title IV funds are not repaid, the institution must report the overpayment to the US Department of Education. Owing an overpayment of a federal grant or loan will prevent the student from qualifying for a future financial aid at an academic institution.

PURCHASING TEXTBOOKS WITH FINANCIAL AID

Eligible enrolled students, whose grant, loan and/or scholarship funds exceed the outstanding charges on their student account, may be eligible to use a bookstore charge to purchase books and supplies against their pending financial aid. These charges are automatically set up for Pell eligible and loan eligible students to use at the bookstore two weeks prior to the start of the semester for fall and spring semesters. Bookstore charges close the third Wednesday of the fall and spring semester. All charges made by the student will be posted to their ICC student account and will remain as an outstanding balance owed until the financial aid funds are received by ICC.

Books and supplies required for classes must be purchased before any other bookstore items such as laptops, other electronics and clothing can be purchased.

It is important that you have finalized your enrollment and have submitted all requested financial aid documents to ensure an accurate bookstore charge is set up in a timely manner for your use in the bookstore. If you do not have all requested items submitted to the financial aid office, you will not be eligible for a bookstore charge.
REMEDIAL COURSEWORK

By law, federal student aid funds can be used to pay up to 30 credit hours of remedial coursework. If the student has reached the maximum hours allowed, the student is notified prior to disbursement for the semester. Once the maximum number of remedial hours have been taken, the financial aid award is determined by subtracting the remedial hours from the total hours attempted for the current semester. The award is then calculated based on the remaining hours on the student class schedule.

REPEATED COURSEWORK

By law, federal student aid funds can be used for one repeat enrollment of a previously passed course. This applies when the original attempt at the course was paid for by financial aid. Federal student aid regulations state a passing grade for purposes of this law is any grade higher than an “F”, regardless of any school or program policy requiring a higher qualitative grade for determination of passing the course. If a student withdraws before completing the course that they are being paid financial aid for retaking, then that is not counted as their one allowed retake for that course.

PELL GRANT LIFETIME ELIGIBILITY LIMITS

A student's maximum duration of Pell grant eligibility is six full year academic awards. For term based schools, such as ICC, this is equal to twelve semesters of payment at full time enrollment in each of those semesters. For example, if a student is enrolled full time for the semester and receives the Pell grant at full time status, the student is using 50% of an academic year award. However, if the same student is enrolled at a half time status for the semester, the student is only using 25% of an academic year award. If a student is close to reaching the lifetime eligibility limit and has applied for financial aid the student will be notified by the U.S. Department of Education.

STUDENT LOAN INFORMATION

Students must be enrolled in an eligible program leading to a certificate or degree and be registered for at least six eligible credit hours to borrow a Federal Direct Loan for any semester of attendance. Student in default on student loans are not eligible for student loans or any financial aid in the future until the default is resolved.

Loans will be certified for the amount requested or for the amount you are eligible, if less than the requested amount. If you are enrolled in less than 12 credit hours, your cost of attendance is adjusted to reflect the actual number of credit hours enrolled and your loan award will be recalculated. Any change in enrollment status after your loan is certified by ICC may require additional recalculation and revision of your original loan amount. If you submit a loan application prior to the tuition due date and you are determined eligible for the loan, you will be held in your classes. If you drop below six credits hours to borrow a Federal Direct Loan for any semester of attendance.

Direct PLUS loan repayment begins on the date the loan is fully disbursed. Payments may be deferred while the dependent student is enrolled at least half-time. A parent borrower who is also a student may defer repayment while he or she is enrolled at least half-time. Deferments must be requested by contacting the agency that services the loan.

Parents may apply for a PLUS loan after the student receives a financial aid award letter from ICC. The PLUS loan application and instructions are located at www.icc.edu/financialaid/forms.asp.
**SUBSIDIZED LOAN LIMIT**

Effective July 1, 2013, first time borrowers lose eligibility for additional subsidized loans when the student has received subsidized loans for 150% of their current academic program. In addition, students that continue enrollment beyond 150% of their published program length will lose the interest subsidy on prior subsidized loans received that have an outstanding or unpaid balance. First time borrowers are defined as students that have never received a student loan or students that have paid previously borrowed loans in full and are borrowing after July 1, 2013. Generally, the 150% is measured in time, not dollars, based on the published length of the program. Students who lose eligibility for subsidized loans are still eligible for unsubsidized loans.

**Scholarships**

**Educational Foundation**  
East Peoria Campus • L426 • (309) 694-5530

**Financial Assistance Office**  
East Peoria Campus • L209 • (309) 694-5324

Scholarships are offered through the Illinois Central College Educational Foundation, a nonprofit, tax-exempt organization established to support the College. The mission of the Illinois Central College Educational Foundation is two-fold:

- To assure access to higher education for our community – the Educational Foundation Scholarship Program seeks to ensure cost is not a barrier for individuals who seek a college education. Information about Foundation scholarships is available through the Financial Assistance Office, L209, or on the web at www.icc.edu/scholarships. Students can apply for scholarships via the website from January 15 through April 1 for the upcoming fall semester.

- To enhance the quality of education offered by ICC – the Educational Foundation enhances the quality of instruction at ICC by funding faculty/staff development, technology and equipment, and special projects of the college.

The Foundation accomplishes its mission by securing charitable contributions, forming partnerships with business and industry, and pursuing grant funding.

---

**Special Academic Services**

**East Peoria Campus • 215E • (309) 694-5170**

**Downtown Campus, Thomas Bldg • 203D • (309) 999-4657**

Financial assistance to purchase required books and supplies is available to qualified applied science and certificate students. Special Academic Services also provides financial support to students enrolled in applied science programs that lead to a nontraditional career. Nontraditional careers are defined as occupations in which individuals from one gender comprise less than 25% of all the individuals employed in that occupation. Academic support services include study skills assistance, schedule planning, and tutoring for specific health programs at ICC.
Academic Requirements

General Education Goals ................................................... 26

Degrees ............................................................................. 26

General Requirements for Degrees .................................. 26

Degree Specific Admission Requirements ...................... 27

Programs with Special Requirements ............................. 27

Requirements for Degrees/Certificates

Associate in Applied Science Degree .............................. 28

Certificates .................................................................. 28

Associate in General Studies Degree ......................... 29

Associate in Arts Degree .......................................... 29

Associate in Science Degree ..................................... 30

Associate in Engineering Science Degree .................. 30

Math Sequence Chart .................................................. 31

Preparation for College Reading & Writing Course Sequence 32

Multiple Associate Degrees/Certificates ..................... 33

Program Changes ....................................................... 33

Transfer Agreements/IAI .............................................. 33

IAI/ICC General Education Course Alignment ............ 34

Applying to Graduate ................................................... 35
General Education Goals

General education courses are an essential part of undergraduate education at all colleges and universities and are required for all degrees. These courses provide an extensive range of learning opportunities to complement areas of specialization.

The general education requirements of Illinois Central College prepare our graduates to become productive members of society and life-long learners. These requirements are expressed as the College’s general education goals as stated below.

All associate degree graduates will be able to:

• read and think critically
• communicate effectively
• demonstrate mathematical and scientific reasoning
• demonstrate awareness of the diversity of cultures, ethics, values, or aesthetics
• demonstrate the ability to be creative and innovative in solving problems
• work independently and collaboratively
• demonstrate computer literacy and information literacy

Degrees

ASSOCIATE IN ARTS DEGREE is a baccalaureate-oriented transfer degree focused in the arts, humanities, social sciences, behavioral sciences, or professional fields with these study areas as a foundation. Degree completion may qualify the individual for junior standing at many four-year colleges and universities. ICC’s Associate in Arts degree fulfills the Illinois Articulation Initiative’s general education requirements. (For more information on the Illinois Articulation Initiative, see page 33.)

ASSOCIATE IN SCIENCE DEGREE is a baccalaureate-oriented transfer degree focused in mathematics, life or physical sciences, or professional fields with these study areas as a foundation. Degree completion may qualify the individual for junior standing at many four-year colleges and universities. ICC’s Associate in Science degree fulfills the Illinois Articulation Initiative’s general education requirements. (For more information on the Illinois Articulation Initiative, see page 33.)

ASSOCIATE IN ENGINEERING SCIENCE DEGREE is a baccalaureate-oriented degree for students pursuing engineering. This degree does not fulfill all Illinois Articulation Initiative general education requirements. The AES provides students with a greater number of credit hours in mathematics and sciences early in their academic career, which is the preferred course sequence for some colleges and universities. Students completing this degree may be expected to take additional general education requirements at their transfer schools. Students who choose this option should work closely with their Engineering advisor to assure a smooth transition from ICC to a four-year engineering program.

ASSOCIATE IN GENERAL STUDIES DEGREE allows individuals interested in acquiring a broad range of academic courses to suit their specific needs. While it is not designed as a transfer degree, some coursework may fulfill Illinois Articulation Initiative general education requirements or transfer to a four-year college or university. Students who choose this option should work closely with their advisors to determine whether this option meets current and future needs.

ASSOCIATE IN APPLIED SCIENCE is a career-oriented degree preparing students for immediate employment and is awarded in a specific program of study. Although not designed as a transfer degree, some courses may fulfill Illinois Articulation Initiative’s general education requirements, and some courses may transfer to four-year colleges and universities. Students should consult their departmental advisor for more information on these courses.

General Requirements for Degrees

Students must fulfill all requirements to be eligible for a degree.

1. Credit hours:
   • Associate in Arts, Associate in Science degrees – complete a minimum of 61 transfer credit hours; 15 of the final 30 credit hours must be earned at ICC.
   • Associate in Engineering Science Degree — complete a minimum of 61 transfer credit hours; 15 of the final 30 credit hours must be earned at ICC.
   • Associate in Applied Science Degree — complete the prescribed credit hours for a specific Associate in Applied Science degree program. At least 15 of the last 30 hours must be completed at ICC. The last 15 credit hours may not be general education coursework and must be program specific coursework.
   • Associate in General Studies – complete a minimum of 60 credit hours, including general education requirements; 15 of the final 30 credit hours must be earned at ICC.

   Note: Illinois Central College does not accept partial credit for coursework completed at other colleges and universities. ICC will evaluate quarter hours earned at other colleges and universities for equivalent credit at ICC.

2. Maintain an overall grade point average (GPA) of 2.00 on a 4-point scale or a “C” average. All grades and hours of all courses attempted at ICC are used in calculating the student’s GPA. When a higher grade is earned in a repeated course where a student received a D or F, the D or F will be dropped from GPA calculation and the higher grade will be used. Individual courses or programs may have additional or higher GPA requirements.

3. Satisfactorily complete all specific degree requirements outlined by the College (see individual degree and/or program requirements.)

4. Fulfill all financial obligations to the College.

5. Submit an Application for Degree/Certificate and $15 fee for the desired graduation month/term:
   • December/Winter Graduation – due September 1
   • May/Spring Graduation – due February 1
   • Summer/July Graduation – due May 1

   Note: Commencement ceremonies are only held in May. Students who received degrees in December and students anticipating receiving degrees in July may participate in the May ceremony.
Degree Specific Admission Requirements
Illinois Central College maintains an open-door, open-access policy with regard to general admission to the College. Although selected programs have established, and maintained, specific admission requirements, applicants will be admitted to the general programs of the College. Placement tests and academic advisement will be utilized to determine the appropriate courses in which students should enroll.

ASSOCIATE IN ARTS DEGREE
ASSOCIATE IN SCIENCE DEGREE
ASSOCIATE IN ENGINEERING SCIENCE DEGREE

All new full-time applicants who intend to enroll in the Associate in Arts Degree program, Associate in Science Degree program, or in the Associate in Engineering Science Degree program (the usual course of study for baccalaureate/transfer students planning to seek a bachelor degree) must submit not only an application but also high school transcripts (or GED scores) and ACT scores. As a result of minimum standards established by the Illinois Board of Higher Education and Public Act 86-0954, it is recommended that applicants for the Associate in Arts Degree or Associate in Science Degree successfully complete at least 15 units of high school coursework from the following categories:

- 4 years of English, emphasizing written and oral communication and literature
- 3 years of college preparatory mathematics, including introductory through advanced algebra, geometry, or fundamentals of computer programming
- 2 years of social science
- 2 years of laboratory science
- 2 years of one foreign language, fine arts (art, music, theatre, or dance), or vocational education
- 2 years of elective coursework, including coursework in any of the categories above (excluding English)

These course-specific requirements are minimums. Some high school students should include coursework beyond the minimum in fields they may be considering for advanced study in a college or university. For example, students who think they want to pursue a degree in science or mathematics should take additional courses in mathematics and lab science in high school.

For applicants who do not meet one or more of the course-specific requirements above, ACT minimum sub-scores were established to determine whether high school equivalent knowledge and skills have been acquired: 20 for English, 20 for math, 20 for science, and 20 for social studies (on the reading sub-scores).

Students with a deficiency in one of the high-school-course areas may also satisfy the requirement by passing a college-level course in this area with a grade of C or higher, or by passing one of the following Illinois Central College courses:

English requirement: ENGL 095 or ENGL 099
Math requirement: MAT 098
Science requirement: CHEM 094

ASSOCIATE IN APPLIED SCIENCE DEGREE

Requirements for admission to programs vary. For information on the requirements, see the specific program of study in this Catalog or consult with the dean/associate dean.

ASSOCIATE IN GENERAL STUDIES DEGREE

An applicant admissible to the College is admissible to this program.

COMMUNITY EDUCATION

Students enrolled only in non-credit courses are assigned to this curriculum.

Programs with Special Requirements
Some programs at ICC use special admissions processes. They may require students to have completed certain coursework or met certain conditions before entering the program. Students who wish to enter the following areas of study must meet with an advisor in that area to assure all requirements for admission will be met:

1. All health careers programs
2. Diesel-Powered Engine Technology (DPET)
3. Caterpillar Dealer Service Technician Program
4. General Motors Automotive Service Educational Program (GM-ASEP)
Associate in Applied Science Degree (AAS)

SPECIFIC REQUIREMENTS

In addition to the General Requirements for a Degree listed on page 26, candidates for the Associate in Applied Science Degree must maintain an overall grade point average of 2.00 (C). The student must also present an approved program with the minimum credit hours specified for the program, including the following general education requirements:

A. ENGLISH: (3 credit hours) ENGL 110, 116, 125, 201
B. COMMUNICATION: (3 credit hours) COMM 110, 113, 212, or 3 additional credit hours in composition courses numbered 110 or above, such as ENGL 110, 111, 116, 125 or 201
C. SOCIAL SCIENCE: (3 credit hours)
   1. Economics: ECON 105, 110, 111
   2. Geography: GEOG 112, 113, 116, 118, 200
   3. History: HIST 117, 118, 201, 202, 203, 204, 210, 231
   4. International Studies: INST 130, 134
   5. Political Science: POLSC 115, 119, 120, 122, 124
   6. Psychology: PSY 110, 112, 202, 210, 220, 250
   7. Social Science: SSC 111
   8. Sociology: SOC 110, 114, 120, 210, 213, 218, 219, 221
D. MATHEMATICS AND/OR LABORATORY SCIENCE (7 credit hours)
   1. Mathematics: The particular course prescribed in the specific Applied Science curriculum or MAT 106, MATH 110 or higher, AGBUS 118, BUS 120, CMGEN 123, RNRS 150.
   2. Laboratory Science: The particular course prescribed in the Applied Science curriculum or biology (except BIOL 150), chemistry, earth science, physics, physical science, HORT 110, AGRI 112 or 201.
E. HUMANITIES/FINE ARTS (3 credit hours)
   1. Art: ART 110, 142, 150, 151
   2. Film: FILM 110
   3. Foreign Language:
      - ARA 110, 111, 210, 211;
      - CHN 110, 111, 210, 211;
      - FR 110, 111, 210, 211;
      - GER 110, 111, 210, 211;
      - ITAL 110, 111, 210, 211;
      - SPAN 105, 110, 111, 210, 211
   4. History: HIST 111, 112
   5. Humanities: HUMAN 123, 124, 125, 128, 129
   6. International Studies: INTST 132, 133
   8. Music: MUS 148, 149, 150
   10. Communication: COMM 116; COMM 110 or 113 if not used in "B" above
   11. Theatre: THTRE 110 or 111
F. Requirements of the specified curriculum in which the student is enrolled. Appropriate technical course substitutions may be approved by the appropriate dean.

Certificates

An Occupational Certificate is awarded to students who complete all the requirements for organized programs of more than a single course (3-4 credit hours) but fewer than fifty (50) credit hours total.

GENERAL REQUIREMENTS FOR OCCUPATIONAL CERTIFICATES

To become eligible for a certificate a student must:

1. Complete all courses listed for the particular certificate. Appropriate technical course substitutions may be approved by the appropriate dean/associate dean.
2. Complete at least thirty percent (30%) of the total program of study required for the certificate in residence at Illinois Central College.
3. Maintain a cumulative grade point average of 2.00 (C) in all courses required for the certificate. Individual courses may have additional grade requirements.
4. Fulfill all financial obligations to the college.
5. Submit an Application for Certificate by the deadline for the term in which they plan to graduate to ensure the timely award of the certificate. (See page 35)
   - September 1 December graduation deadline
   - February 1 May graduation deadline
   - May 1 July graduation deadline

Applications for certificates are accepted up to one (1) month after the deadline date but the student will be assessed a late fee of $25.

A Certificate of Participation may be awarded for completion of single course programs of instruction and certain community service activities.
Associate in General Studies Degree (AGS)

SPECIFIC REQUIREMENTS

In addition to the General Requirements for a Degree listed on page 26, candidates for the Associate in General Studies Degree must complete a minimum of 60 credit hours all labeled “TC” (transfer course) or “OC” (occupational course), including the following:

A. ENGLISH: (6 credit hours)
   1. English: ENGL 110, 111, 113, 116, 125, 201
   2. Communication: COMM 110, 113, 212

B. SOCIAL SCIENCE: (6 credit hours)
   1. Economics: ECON 105, 110, 111
   2. History: HIST 117, 118, 125, 201, 202, 203, 204, 210, 231
   3. Political Science: POLS 115, 119, 120, 122, 124
   4. International Studies: INTST 130, 134
   5. Psychology: PSY 110, 112, 202, 210, 220, 250
   6. Sociology: SOC 110, 114, 120, 210, 213, 218, 221

C. MATHEMATICS: (3 credit hours)
   1. Mathematics: any MATH
   2. Business: BUS 120
   3. Computer Math: CMGEN 123
   4. General Technology: MAT 106, MATH 130, 137

D. LABORATORY SCIENCE: (4 credit hours)
   1. Agriculture: AGRI 112, 201
   2. Biology: BIOL any except 150
   3. Chemistry: CHEM 110 or higher
   4. Earth Science: EASC 111 or higher
   5. Horticulture: HORT 110
   6. Physical Science: PHYS any except 090
   7. Physics: PHYS 110 or higher

E. HUMANITIES: (3 credit hours)
   1. Art: ART 110, 142, 150, 151
   2. Film: FILM 110
   3. Foreign Language: ARA 110, 111, 210, 211;
      CHN 110, 111, 210, 211;
      FR 110, 111, 210, 211;
      GER 110, 111, 210, 211;
      ITAL 110, 111, 210, 211;
      SPAN 105, 110, 111, 210, 211
   4. History: HIST 111, 112
   5. Humanities: HUMAN 123, 124, 125, 128, 129
   6. International Studies: INTST 132, 133
   7. Literature: LIT 110, 111, 115, 117, 119, 120, 122, 212,
      213, 214, 215, 216, 240, 250, CHILD 231
   8. Music: MUS 148, 149, 150
   10. Communication: COMM 116; COMM 110 or 113 if not used
        in A above
   11. Theatre: THTRE 110, 111

Associate in Arts Degree (AA)

SPECIFIC REQUIREMENTS (Transfer Degree)

In addition to the General Requirements for Degrees listed on page 26, candidates for the Associate in Arts Degree must complete at least 60 credit hours of TRANSFER CREDIT courses including the General Education requirements listed below. Students must maintain an overall grade point average of 2.00 (C). Courses labeled OC (Occupational Credit) in Course Descriptions (page 236) may not be applied to degree requirements. See pages 33 and 34 for further IAI description.

All students who earn the Associate in Arts Degree must complete the specific degree requirements in effect for the AA degree at the time they apply for graduation.

A. ENGLISH: (6 credit hours) ENGL 110 and 111
   To fulfill this requirement, a student must receive a grade of C or better in each of the two courses.

B. COMMUNICATION: (3 credit hours) COMM 110

C. SOCIAL SCIENCE: (9 credit hours) These courses must be taken in at least two of the following disciplines:
   1. Economics: ECON 110, 111
   2. Geography: GEOG 112, 113, 116, 118, 200
   3. History/International Studies:
      HIST 117, 118, 201, 202, 231;
      INTST 130, 134
   4. Political Science: POLS 115, 119, 120, 122, 124
   5. Psychology: PSY 110, 120, 210*, 220
   6. Social Science: SSC 111 or INTST 140
   7. Sociology: SOC 110, 114, 120, 213, 218*, 219

D. MATHEMATICS: (3 credit hours)
   1. Math: MATH 110, 111 or 211, 122, 134, 135, 201, 222, 223, 224

E. SCIENCES: (7 credit hours) At least one of these courses must contain a laboratory experience. Also, one of these courses must be a Life Science and one must be a Physical Science.
   1. Life Sciences (4 credit hours)
      Biology: BIOL 110, 111, 114, 115, 120, 130, 140,
      150 (3 credit hours), 160, 205, 250
   2. Physical Sciences (4 credit hours)
      Chemistry: CHEM 110, 115, 120, 130
      Earth Science: EASC 111, 116, 118, 250
      Physical Science: PHYS 110, 114
      Physics: PHYS 110, 120

F. HUMANITIES/FINE ARTS: (9 credit hours) At least one of these courses must be a Humanities course and at least one must be a Fine Arts course. The third course may be taken from either group.
   1. Humanities (3-6 credit hours)
      Foreign Language: ARA 211 or CHN 211 or FR 211 or GER 211 or SPAN 211
      History: HIST 111, 112
      Humanities/International Studies: HUMAN 123, 124 or 125, 129;
      INTST 132 or 133
      Literature: LIT 110, 111, 115, 117, 119, 120, 122, 212,
      213, 214, 215, 216, 240, 250
      Philosophy: PHIL 110, 111, 112, 115, 116
   2. Fine Arts (3-6 credit hours)
      Art: ART 110, 142, 150, 151
      Film: FILM 110
      Humanities: HUMAN 128
      Mass Communication: MCOMM 224
      Music: MUS 148, 149, 150
      Theatre: THTRE 110 or 111

*Either PSY 210 or SOC 218 satisfies IAI requirements
Associate in Science Degree (AS)

**SPECIFIC REQUIREMENTS** (Transfer Degree)

In addition to the General Requirements for Degrees listed on page 26, candidates for the Associate in Science Degree must complete at least 60 credit hours of TRANSFER CREDIT courses including the General Education requirements listed below. Students must maintain an overall grade point average of 2.00 (C). Courses labeled OC (Occupational Credit) in Course Descriptions (page 236) may not be applied to degree requirements. See pages 33 and 34 for further IAI description.

All students who earn the Associate in Science Degree must complete the specific degree requirements in effect for the AS degree at the time they apply for graduation.

A. **ENGLISH/COMMUNICATION**: (6 credit hours)
   - To fulfill this requirement, a student must receive a grade of C or better in each of the two courses.
   - ENGL 110 and 111

B. **COMMUNICATION**: (8 credit hours)
   - COMM 110 or COMM 212

C. **SOCIAL SCIENCE/HUMANITIES/FINE ARTS**: (9 credit hours)
   - These courses must be taken at least two of the following disciplines:
     1. Economics: ECON 110, 111
     2. Geography: GEOG 112 or 113, 116, 118, 200
     3. History/International Studies: HIST 117, 118, 201, 202, 231; INTST 130, 134
     4. Political Science: POLSC 115, 119, 120, 122, 124
     5. Psychology: PSY 110, 202, 210*, 220
     6. Social Science: SSC 111 or INTST 140
     7. Sociology: SOC 110, 114, 120, 213, 218*, 219

D. **MATHMATICS**: (6-8 credit hours)
   - At least one of these courses must be taken from Group I, and the other may be taken from either Group I or Group II. See chart on page 31.
   - Group I (3-6 credit hours)
     1. MATH 110, 111 or 211, 122, 134, 135, 201, 222, 223, 224
   - Group II (Transfer credit, but NOT IAI approved courses for General Education)
     1. MATH 115, 120, 124, 125, 190, 200, 230, 250

E. **SCIENCES**: (8 credit hours)
   - Both courses must contain a laboratory experience. Also, one of these courses must be a Life Science and one must be a Physical Science.
   - 1. Life Sciences (4 credit hours)
      - Biology: BIOL 110, 111, 114, 115, 120, 130, 140, 160, 205, 250
   - 2. Physical Sciences (4 credit hours)
      - Chemistry: CHEM 110, 115, 120, 130
      - Earth Science: EASC 111, 116, 118, 250
      - Physical Science: PHYS 110, 114
      - Physics: PHYS 110, 120

F. **HUMANITIES/FINE ARTS**: (9 credit hours)
   - At least one of these courses must be a Humanities course and at least one must be a Fine Arts course. The third course may be taken from either group.
   - 1. Humanities (3-6 credit hours)
      - Foreign Language: ARA 211 or CHN 211 or FR 211 or GER 211 or SPAN 211
      - History: HIST 111, 112
      - Humanities/International Studies: HUMAN 123, 124 or 125, 129; INTST 132 or 133
      - Philosophy: PHIL 110, 111, 112, 115, 116
   - 2. Fine Arts (3-6 credit hours)
      - Art: ART 110, 142, 150, 151
      - Film: FILM 110
      - Humanities: HUMAN 128
      - Mass Communication: MCOMM 224
      - Music: MUS 148, 149, 150
      - Theatre: THTRE 110 or 111

*Either PSY 210 or SOC 218 satisfies IAI requirements

Associate in Engineering Science Degree (AES)

**SPECIFIC REQUIREMENTS**

In addition to the General Requirements for a Degree listed on page 26, candidates for the Associate in Engineering Science Degree must complete at least 61 credit hours of the following requirements maintaining an overall grade point average of 2.00 (C):

A. **ENGLISH/COMMUNICATION**: (6 credit hours)
   - ENGL 110 or ENGL 111 or COMM 110 or COMM 212

B. **SOCIAL SCIENCE/HUMANITIES/FINE ARTS**: (12 credit hours, a minimum of one course must be taken in a social science and a minimum of one course must be taken in humanities/fine arts.)
   - 1. **SOCIAL SCIENCE**:
      - Economics: ECON 110, 111
      - Geography: GEOG 112 or 113, 116, 118, 200
      - History: HIST 117, 118, 201, 202, 231
      - International Studies: INTST 130, 131, 134
      - Political Science: POLSC 115, 119, 120, 122, 124
      - Psychology: PSY 110, 202, 210 (will not fulfill IAI if SOC 218 completed), 220
      - Social Science: SSC 111
      - Sociology: SOC 110, 114, 120, 213, 218 (will not fulfill IAI if PSY 210 completed), 219
   - 2. **HUMANITIES/FINE ARTS**
      - Art: ART 110, 142, 150, 151
      - Film: FILM 110
      - Foreign Language: ARA 211 or CHN 211 or FR 211 or GER 211 or ITAL 211 or SPAN 211
      - History: HIST 111, 112
      - Humanities: HUMAN 123, 124 or 125, 128, 129
      - International Studies: INTST 132 or 133
      - Mass Communication: MCOMM 224
      - Music: MUS 148, 149, 150
      - Philosophy: PHIL 110, 111, 112, 115, 116
      - Theatre: THTRE 110 or 111
   - 3. **MATHMATICS**: (16 credit hours)
      - MATH 222, 223, 224, 250
      - See chart on page 31.
   - 4. **LABORATORY SCIENCES**: (14 credit hours)
      - CHEM 130, PHYS 211, 212, 213
   - 5. **REQUIRED ENGINEERING COURSE**: (1 credit hour)
      - ENGR 110
   - 6. **ENGINEERING ELECTIVES**: (minimum 8 credit hours of any of the following:)
      - 1. ENGR 113, 230, 240, 241, 242, 251, 252, 253
      - 2. PHYS 214
   - 7. **G. MATH SCIENCE or ENGINEERING ELECTIVE(S)**: (minimum 4 credit hours of any of the following:)
      - 1. BIOL 160
      - 2. CHEM 132, 220, 230
      - 3. MATH 230
      - 4. ENGR 113, 230, 240, 241, 242, 251, 252, 253
      - 5. PHYS 214

Note: Students intending to transfer to Southern Illinois University or Northern Illinois University may benefit from obtaining the Associate in Science Degree. See an Engineering advisor for details.
Sequence of Mathematics Courses at ICC

This chart displays recommended paths to satisfy program and general education requirements at ICC.

- The Associate in Science degree requires six hours of mathematics at the MATH 110 level or above.
  Three of those six hours must be IAI (Illinois Articulation Initiative) approved. (See page 34 for approved list.)
- The Associate in Arts degree requires three hours of mathematics at the MATH 110 level or above.

Placement in the Math Curriculum is based on the Compass Math Placement score or department approval. Group I math courses also require appropriate Compass Reading Placement score or equivalent. Consult an academic advisor for more information.
Preparation for College Reading and Writing Course Sequence

COMPASS Exam Score

1-45

Preparation for College Reading & Writing 080 (6 Credits)

46-60

Preparation for College Reading & Writing 085 (6 Credits)

61-69

Preparation for College Reading & Writing 090 (6 Credits)

70-78

Preparation for College Reading & Writing 095 (6 Credits)

79-80

Preparation for College Reading & Writing 099 (3 Credits)

81+

Transfer Level Gen. Ed. Courses: ex. ENG 110, PSY 110, SOC 110, EDUC 111, BIO 145, etc.
Multiple Associate Degrees/Certificates

Although a student may earn multiple Associate in Applied Science degrees and/or Certificates, he/she may earn only one of each of the following degrees:

• Associate in Arts and Science
• Associate in Arts (AA)
• Associate in Science (AS)
• Associate in Engineering Science (AES)
• Associate in General Studies (AGS)

Furthermore, a student may not earn:

An Associate in Science (AS), Associate in Arts (AA), or Associate in General Studies (AGS) degree after earning an Associate in Arts and Science degree; or

An Associate in Arts (AA) or Associate in General Studies (AGS) degree after earning an Associate in Science (AS) degree; or

An Associate in General Studies (AGS) degree after earning an Associate in Arts (AA), Associate in Engineering Science (AES), or Associate in Applied Science (AAS) degree.

Program Changes

Students sometimes change educational or career goals before completing the program in which they originally enrolled. When students consider such a change, they should discuss it with their academic advisor. When the change is deemed desirable, students should fill out a curriculum change and submit it to Enrollment Services. Selective admission programs must approve the change before the curriculum change will be processed.

Transfer Agreements/IAI

Illinois Central College participates in the Illinois Articulation Initiative (IAI), and has since 1998. Under the terms of IAI, a student who fulfills the general education requirements for the Arts Degree and Science Degree as listed in this catalog may also fulfill the lower divisional general education requirements at more than 100 colleges and universities, both private and public, within the State of Illinois. This benefit is intended to make the transition to an Illinois four-year college or university easier.

Information about IAI, including names of participating schools and specific course information, is available from Illinois Central College academic advisors, the ICC Transfer Center, and the IAI website: www.iTransfer.org.

In addition to IAI provisions, Illinois Central College has articulated various other transfer courses with several colleges and universities to ensure ease of transfer of credits. The ICC Transfer Center, department and counseling offices have copies of these equivalencies. Students should still check with the four-year school to which they plan to transfer in order to make certain they will have the courses expected by the transfer institution. Check ICC’s Transfer Center website at www.icc.edu/currentStudents/transferCenter.asp

Refer to IAI and ICC General Education Course Alignment (page 34) and follow ICC’s IAI/Transfer guidelines:

• Students should be advised that most universities will accept for transfer no more than approximately 66 credit hours from a community college toward the bachelor degree.
• Students transferring in the completed IAI General Education Core Curriculum (GECC) will not be required to complete ICC’s Associate in Arts Degree or Associate in Science Degree specific requirements.
• The College will accept IAI GECC courses that have a passing grade when the Core has not been completed prior to transfer.
• Students must maintain an overall cumulative grade point average of 2.00 (C) in all IAI GECC courses and ENGL 110 and ENGL 111 must receive a grade of C or better.
• ICC does not accept partial semester credit, but will accept credit for quarter hours to satisfy course requirements. Minimum hours required for Associate in Arts Degree or Associate in Science Degree will remain at 60 hours.
• Transfer credit may be accepted from another college or university accredited by a regional accrediting association. If the credit is not from such an institution, the transcript will not be evaluated nor will the credit be accepted as fulfilling IAI requirements.
• ICC accepts College-Level Examination Program (CLEP) credits to satisfy credit requirements for a degree and/or as fulfilling the IAI GECC. Refer to page 316 for more information on CLEP.

If a student fulfills the entire IAI package at a school and the school so certifies, ICC will accept that the student has fulfilled the IAI general education requirements. If the student does not complete the entire IAI package, courses will be accepted on a course by course basis.
IAI/ICC General Education Course Alignment

COMMUNICATIONS (9 SEM HRS)
C1 900 ENGL 110 COMPOSITION I
C1 901R ENGL 111 COMPOSITION II
C2 900 COMM 110 COMMUNICATION: PROCESS & PRACTICE
C2 900 COMM 212 ORAL COMMUNICATION

MATHEMATICS (6 SEM HRS)
M1 904 MATH 110 CONCEPTS OF MATHEMATICS
M1 902 MATH 111 GENERAL EDUCATION STATISTICS
M1 905 MATH 122 DISCRETE MATHEMATICS I
M1 906 MATH 134 FINITE MATH
M1 900-B MATH 135 CALCULUS FOR BUSINESS AND SOCIAL SCIENCE
M1 903 MATH 201 MATHEMATICS FOR ELEMENTARY TEACHERS II
M1 902 MATH 211 STATISTICAL ANALYSIS
M1 900-1 MATH 222 CALCULUS AND ANALYTIC GEOMETRY I
M1 900-2 MATH 223 CALCULUS AND ANALYTIC GEOMETRY II
M1 900-3 MATH 224 CALCULUS AND ANALYTIC GEOMETRY III

PHYSICAL AND LIFE SCIENCES (8 SEM HRS)
P1 903L CHEM 110 CHEMISTRY AND SOCIETY
P1 902L CHEM 115 FOUNDATIONS OF CHEMISTRY
P1 902L CHEM 120 PRINCIPLES OF CHEMISTRY
P1 902L CHEM 130 GENERAL CHEMISTRY
P1 905L EASC 111 SURVEY OF EARTH SCIENCE
P1 907L EASC 116 INTRODUCTION TO GEOLOGY
P1 905L EASC 118 INTRODUCTION TO WEATHER & CLIMATE
P1 907 EASC 250 FIELD GEOLOGY
P1 901L PHYS 110 FOUNDATIONS OF PHYSICS
P1 900L PHYS 120 GENERAL PHYSICS
P9 900L PHYS 110 ENERGY AND ENVIRONMENT
P1 906L PHYS 114 INTRODUCTION TO ASTRONOMY
L1 900L BIOL 110 LIFE SCIENCE
L1 900L BIOL 111 BIOLOGY OF MAN
L1 905L BIOL 114 ENVIRONMENTAL BIOLOGY
L1 905L BIOL 115 NATIVE PLANTS AND ANIMALS
L1 901L BIOL 120 GENERAL BOTANY
L1 902L BIOL 130 GENERAL ZOOLOGY
L1 904L BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY
L1 904L BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I
L1 906 BIOL 150 GENETICS
L1 900L BIOL 160 BIOPRINCIPLES I
L1 905L BIOL 250 FIELD BIOLOGY

HUMANITIES AND FINE ARTS (9 SEM HRS)
H1 900 ARA 211 INTERMEDIATE MODERN ARABIC IV
H1 900 CHN 211 INTERMEDIATE MANDARIN CHINESE IV
H1 900 FR 211 INTERMEDIATE FRENCH II
H1 900 GER 211 INTERMEDIATE GERMAN II
H1 900 SPAN 211 INTERMEDIATE SPANISH II
H2 906 HIST 111 EARLY WORLD CIVILIZATIONS

HUMANITIES AND FINE ARTS (9 SEM HRS) continued
H2 907 HIST 112 MODERN WORLD CIVILIZATIONS
H3 902 HUMAN 129 LITERATURE AND THEATRE
H3 900 LIT 110 INTRODUCTION TO LITERATURE
H3 901 LIT 111 THE SHORT STORY AND THE NOVEL
H9 901 LIT 115 MYTHOLOGY
H3 903 LIT 117 INTRODUCTION TO POETRY
H3 911D LIT 119 WOMEN'S LITERATURE
H5 901 LIT 120 THE BIBLE AS LITERATURE
H3 910D LIT 122 LITERATURE OF ETHNIC AMERICA
H3 912 LIT 212 ENGLISH LITERATURE
H3 913 LIT 213 ENGLISH LITERATURE
Applying to Graduate

Whether or not you plan to participate in ICC’s commencement ceremony to receive a diploma, you MUST complete an Application for Degree/Certificate.

Applications may be obtained online at www.icc.edu/currentStudents/graduating from your advisor, or any Enrollment Services location. Complete the application form and submit it with your fee by the date listed in the chart below, to any of the Enrollment Services locations: East Peoria Campus, Room L211, Downtown Peoria, Thomas Building, Room 109; ICC North, Cedar Hall; or ICC South.

<table>
<thead>
<tr>
<th>When you expect to complete your program of study</th>
<th>Deadline to submit Application for Degree/Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Semester (December)</td>
<td>September 1</td>
</tr>
<tr>
<td>Spring Semester (May)</td>
<td>February 1</td>
</tr>
<tr>
<td>Summer Semester (July)</td>
<td>May 1</td>
</tr>
</tbody>
</table>

After your application is processed, you will receive an Official Degree Review by mail. This form will list any course requirements that must be met before you can receive a degree/certificate from Illinois Central College.

Application Fees*:
- If applying for a degree = $15 (non-refundable)
- If applying for a certificate = No Charge

Applications for Degree/Certificate are accepted up to 1 month after the deadline date but the student will be assessed a late fee of $25.

* Application fee covers two terms beyond the semester during which you submit the application, even if you apply a semester or two before you plan to complete your program of study.

---

CATALOG OF RECORD

For an Associate in Arts Degree and Associate in Science Degree, students must meet with requirements listed in the current catalog at the time of application for graduation. For an Associate in Science and/or Certificate, students have five years from the date they declare an Applied Science program as their major to complete the program requirements outlined in that specific catalog. Should appreciable changes to the degree requirements occur, students will need to meet the degree requirements in the current catalog at time of graduation. Students who have not met the degree requirements within five years will need to meet the requirements in effect at that time. A student who has not been enrolled for three consecutive semesters, excluding summer, must meet the catalog requirements in effect upon re-entry. Illinois Central College will consider granting permission to a graduate under a catalog more than five years old if the student has been enrolled continuously and the degree requirements have not changed appreciably. Requests for this exception should be directed to the dean/associate dean of the department for approval.

---

CELEBRATE YOUR SUCCESS AT ICC’S Commencement Ceremony

If you have met the requirements necessary for a degree/certificate in your program of study, you will receive a notice inviting you to participate in commencement. (4-6 weeks prior to commencement date) This letter will provide you with instructions on the steps necessary to participate in commencement. ICC holds one commencement ceremony in May. (Students completing their program of study the previous December are encouraged to participate in the May ceremony.)

There is a purchase price of $30 for your cap, gown, tassel, and diploma cover. Students who choose not to participate in commencement but wish to purchase a diploma cover and/or tassel, can do so at Enrollment Services on the East Peoria Campus. The cost of each item is $5.

Participation in the commencement ceremony does not automatically assure a student of having earned a diploma or certificate. Final grades, and therefore degree certification, are verified as soon as possible following the ceremony. Diplomas will be mailed to the student approximately 4-6 weeks after all final grades are posted. Participation in commencement is optional.
Programs/
Areas of Study

Programs/Areas of Study Grid .............................................. 38-41
Career Clusters ....................................................................... 42
Associate in Applied Science Degree/Certificate ................. 43
Associate in General Studies Degree .................................... 175
Associate in Arts Degree and
Associate in Science Degree ................................................ 177
Associate in Engineering Science Degree ............................ 233
<table>
<thead>
<tr>
<th>PROGRAM/AREA OF STUDY</th>
<th>AA</th>
<th>AS</th>
<th>AAS</th>
<th>AES</th>
<th>Certificate</th>
<th>Offered Online</th>
<th>Academic Department</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-1-1 Telecommunicator</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>44</td>
</tr>
<tr>
<td>Accountancy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>180</td>
</tr>
<tr>
<td>Accounting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>45</td>
</tr>
<tr>
<td>Accounting Clerk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>46</td>
</tr>
<tr>
<td>Accounting Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>47</td>
</tr>
<tr>
<td>Actuarial Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>181</td>
</tr>
<tr>
<td>Agricultural Business Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>48</td>
</tr>
<tr>
<td>Agricultural Business Management – Agricultural Sales</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>49</td>
</tr>
<tr>
<td>Agricultural Business Management – Animal Systems Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>50</td>
</tr>
<tr>
<td>Agricultural Business Management – Crop Systems Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>51</td>
</tr>
<tr>
<td>Agricultural Business Management – Fertilizer and Chemical Operations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>52</td>
</tr>
<tr>
<td>Agricultural Business Management – Precision Agriculture</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>53</td>
</tr>
<tr>
<td>Agricultural Production</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>54</td>
</tr>
<tr>
<td>Agriculture</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>182</td>
</tr>
<tr>
<td>Architecture</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>183</td>
</tr>
<tr>
<td>Architectural Construction Technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>55</td>
</tr>
<tr>
<td>Architectural Drafting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>56</td>
</tr>
<tr>
<td>Art</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>184</td>
</tr>
<tr>
<td>Automotive Technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSE</td>
<td>185</td>
</tr>
<tr>
<td>Banking and Finance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>186</td>
</tr>
<tr>
<td>Biology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSE</td>
<td>58</td>
</tr>
<tr>
<td>Business Administration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>47</td>
</tr>
<tr>
<td>Caterpillar Dealer Service Technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>46</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>45</td>
</tr>
<tr>
<td>Child Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>60</td>
</tr>
<tr>
<td>Child Development - Advanced</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>61</td>
</tr>
<tr>
<td>Child Development - Basic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>62</td>
</tr>
<tr>
<td>Cisco Certified Network Associate (CCNA)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>63</td>
</tr>
<tr>
<td>Cisco Certified Network Professional (CCNP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>64</td>
</tr>
<tr>
<td>Cisco Networking Specialist</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>65</td>
</tr>
<tr>
<td>Clerk Typist</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>66</td>
</tr>
<tr>
<td>CNC Machine Operator</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>67</td>
</tr>
<tr>
<td>Commercial Refrigeration Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>68</td>
</tr>
<tr>
<td>Communication - General Communication</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>188</td>
</tr>
<tr>
<td>Communication - Public Relations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>189</td>
</tr>
<tr>
<td>Computed Tomography</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>69</td>
</tr>
<tr>
<td>Computer Information Systems – Business Emphasis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>190</td>
</tr>
<tr>
<td>Computer Information Systems – Technical Emphasis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>191</td>
</tr>
<tr>
<td>Computer Programming and Database Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>70, 71</td>
</tr>
<tr>
<td>Computer-Aided Mechanical Drafting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>72</td>
</tr>
<tr>
<td>Crime Scene Technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>73</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>192</td>
</tr>
<tr>
<td>Culinary Arts Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>74, 75</td>
</tr>
<tr>
<td>Customer Service Professional</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>76</td>
</tr>
<tr>
<td>Dance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>193</td>
</tr>
<tr>
<td>PROGRAM/AREA OF STUDY</td>
<td>AA</td>
<td>AS</td>
<td>AAS</td>
<td>AES</td>
<td>Certificate</td>
<td>Offered Online</td>
<td>Academic Department</td>
<td>Page</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----</td>
<td>----</td>
<td>-----</td>
<td>-----</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------------</td>
<td>------</td>
</tr>
<tr>
<td>Data Entry Clerk</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>77</td>
</tr>
<tr>
<td>Deconstruction</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dental Hygienist</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>78</td>
</tr>
<tr>
<td>Diesel Powered Equipment Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dietetics</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>79</td>
</tr>
<tr>
<td>Digital Imaging</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>80</td>
</tr>
<tr>
<td>Digital Publishing</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>81</td>
</tr>
<tr>
<td>Drug and Alcohol Counselor Training</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>82</td>
</tr>
<tr>
<td>HVAC Residential Installer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVAC Technician</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>83</td>
</tr>
<tr>
<td>HVAC/R Technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Services - Mental Health Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>84</td>
</tr>
<tr>
<td>Human Services - Generalist</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Services - Family/Youth Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Services - Child Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horticulture - Turfgrass Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>85</td>
</tr>
<tr>
<td>Horticulture Turfgrass Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horticulture Landscape Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>History</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>86</td>
</tr>
<tr>
<td>Emergency Management</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Medical Technician - Basic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>87</td>
</tr>
<tr>
<td>Engineering</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>88</td>
</tr>
<tr>
<td>English</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>89</td>
</tr>
<tr>
<td>Environmental Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>90</td>
</tr>
<tr>
<td>Finance</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>91</td>
</tr>
<tr>
<td>Family and Consumer Sciences</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSPS</td>
<td>92</td>
</tr>
<tr>
<td>Fire Science Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>93</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EHS</td>
<td>94</td>
</tr>
<tr>
<td>General Motors Automotive Service Educational Program (GM-ASEP)</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>95</td>
</tr>
<tr>
<td>Geography</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSPS</td>
<td>96</td>
</tr>
<tr>
<td>Geology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>97</td>
</tr>
<tr>
<td>Graphic Communications</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>98</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Building Environment</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>99</td>
</tr>
<tr>
<td>Health Career Professions</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>100</td>
</tr>
<tr>
<td>History</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>101</td>
</tr>
<tr>
<td>Horticulture Landscape Management</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>102</td>
</tr>
<tr>
<td>Horticulture - Landscaping</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horticulture Turfgrass Management</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>103</td>
</tr>
<tr>
<td>Horticulture - Turfgrass Operations</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>104</td>
</tr>
<tr>
<td>Human Services - Child Development</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>105</td>
</tr>
<tr>
<td>Human Services - Family/Youth Services</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>106</td>
</tr>
<tr>
<td>Human Services - Generalist</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>107</td>
</tr>
<tr>
<td>Human Services- Mental Health Services</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>108</td>
</tr>
<tr>
<td>Human Services - Psychiatric Rehabilitation</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>109</td>
</tr>
<tr>
<td>HVAC Residential Installer</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>110</td>
</tr>
<tr>
<td>HVAC Technician</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>111</td>
</tr>
<tr>
<td>HVAC/R Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>112</td>
</tr>
<tr>
<td>Industrial Electrical Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>113</td>
</tr>
<tr>
<td>PROGRAM/AREA OF STUDY</td>
<td>AA</td>
<td>AS</td>
<td>AAS</td>
<td>AES</td>
<td>Certificate</td>
<td>Offered Online</td>
<td>Academic Department</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----</td>
<td>----</td>
<td>-----</td>
<td>-----</td>
<td>-------------</td>
<td>-------------------</td>
<td>---------------------</td>
<td>------</td>
</tr>
<tr>
<td>iMedia</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>AIT</td>
<td></td>
<td></td>
<td>111</td>
</tr>
<tr>
<td>Interior Design</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td></td>
<td></td>
<td>209</td>
</tr>
<tr>
<td>International Business</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>BHIIS</td>
<td></td>
<td></td>
<td>124</td>
</tr>
<tr>
<td>International Studies</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>125</td>
</tr>
<tr>
<td>Interpreter Preparation</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>EHLIS</td>
<td></td>
<td></td>
<td>119</td>
</tr>
<tr>
<td>Journalism</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>EHLIS</td>
<td></td>
<td></td>
<td>122</td>
</tr>
<tr>
<td>Law Enforcement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td></td>
<td></td>
<td>127</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>EHLIS</td>
<td></td>
<td></td>
<td>128</td>
</tr>
<tr>
<td>Library Technical Assistant</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>131</td>
</tr>
<tr>
<td>Licensed Practical Nurse</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>132</td>
</tr>
<tr>
<td>LPN to RN Completion Program</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td></td>
<td></td>
<td>133</td>
</tr>
<tr>
<td>Machine Tool Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td></td>
<td></td>
<td>134</td>
</tr>
<tr>
<td>Machinist</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>AIT</td>
<td></td>
<td></td>
<td>135</td>
</tr>
<tr>
<td>Maintenance Mechanic Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>136</td>
</tr>
<tr>
<td>Management - Supply Chain Management</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>137</td>
</tr>
<tr>
<td>Management of Supply Chain</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>138</td>
</tr>
<tr>
<td>Marketing/Sales and Retail Management</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>AIT</td>
<td></td>
<td></td>
<td>139</td>
</tr>
<tr>
<td>Mass Communication</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td></td>
<td></td>
<td>140</td>
</tr>
<tr>
<td>Massage Therapist</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>141</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>MSE</td>
<td></td>
<td></td>
<td>142</td>
</tr>
<tr>
<td>Mechanical Engineering Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td></td>
<td></td>
<td>143</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>144</td>
</tr>
<tr>
<td>Medical Coder</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>145</td>
</tr>
<tr>
<td>Medical Laboratory Technician</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>146</td>
</tr>
<tr>
<td>Medical Office Administrative Assistant</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>147</td>
</tr>
<tr>
<td>Meteorology</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>MSE</td>
<td></td>
<td></td>
<td>148</td>
</tr>
<tr>
<td>Multi-Skilled Maintenance</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td></td>
<td></td>
<td>149</td>
</tr>
<tr>
<td>Multi-Skilled Maintenance Technology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>Multimedia</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>AC</td>
<td></td>
<td></td>
<td>151</td>
</tr>
<tr>
<td>Music</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td></td>
<td></td>
<td>152</td>
</tr>
<tr>
<td>Network Administrator</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIIS</td>
<td></td>
<td></td>
<td>153</td>
</tr>
<tr>
<td>Networking</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIIS</td>
<td></td>
<td></td>
<td>154</td>
</tr>
<tr>
<td>Nursing Assistant Program</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>155</td>
</tr>
<tr>
<td>Occupational Therapy Assistant</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>156</td>
</tr>
<tr>
<td>Office and Information Processing Management</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>BHIIS</td>
<td></td>
<td></td>
<td>157</td>
</tr>
<tr>
<td>Office Professional</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>BHIIS</td>
<td></td>
<td></td>
<td>158</td>
</tr>
<tr>
<td>Page Layout</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>AIT</td>
<td></td>
<td></td>
<td>159</td>
</tr>
<tr>
<td>Paralegal</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>SSPS</td>
<td></td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>Paramedic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>161</td>
</tr>
<tr>
<td>Personal/Fitness Trainer</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>PHYED</td>
<td></td>
<td></td>
<td>162</td>
</tr>
<tr>
<td>Philosophy</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>EHLIS</td>
<td></td>
<td></td>
<td>163</td>
</tr>
<tr>
<td>Phlebotomist</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTTH</td>
<td></td>
<td></td>
<td>164</td>
</tr>
<tr>
<td>PROGRAM/AREA OF STUDY</td>
<td>AA</td>
<td>AS</td>
<td>AAS</td>
<td>AES</td>
<td>Certificate</td>
<td>Offered Online</td>
<td>Academic Department</td>
<td>Page</td>
</tr>
<tr>
<td>-----------------------------------------------------------</td>
<td>----</td>
<td>----</td>
<td>-----</td>
<td>-----</td>
<td>-------------</td>
<td>------------------</td>
<td>--------------------</td>
<td>------</td>
</tr>
<tr>
<td>Photovoltaic Installer</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>153</td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PHYED</td>
<td>220</td>
</tr>
<tr>
<td>Physical Therapist Assistant</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>154</td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>MSE</td>
<td>221</td>
</tr>
<tr>
<td>Political Science</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>222</td>
</tr>
<tr>
<td>Pre-Chiropractic</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>MSE</td>
<td>223</td>
</tr>
<tr>
<td>Pre-Law</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>224</td>
</tr>
<tr>
<td>Pre-Medical, Pre-Dental</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSE</td>
<td>225</td>
</tr>
<tr>
<td>Pre-Pharmacy</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSE</td>
<td>226</td>
</tr>
<tr>
<td>Pre-Veterinary</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSE</td>
<td>227</td>
</tr>
<tr>
<td>Printing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>AIT</td>
<td>155</td>
</tr>
<tr>
<td>Production Welder</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>156</td>
</tr>
<tr>
<td>Psychology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>228</td>
</tr>
<tr>
<td>Radiographer</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>157</td>
</tr>
<tr>
<td>Registered Nurse</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>158</td>
</tr>
<tr>
<td>Respiratory Therapist</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>159</td>
</tr>
<tr>
<td>Restaurant Management</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>160</td>
</tr>
<tr>
<td>Small Business Management</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>161</td>
</tr>
<tr>
<td>Social Work</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>229</td>
</tr>
<tr>
<td>Sociology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SSPS</td>
<td>230</td>
</tr>
<tr>
<td>Solar Thermal Heating Systems</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>162</td>
</tr>
<tr>
<td>Statistics</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MSE</td>
<td>231</td>
</tr>
<tr>
<td>Surgical Technologist</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HLTH</td>
<td>163,164</td>
</tr>
<tr>
<td>Theatre</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AC</td>
<td>232</td>
</tr>
<tr>
<td>Truck Driver Training Program</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CCED</td>
<td>165</td>
</tr>
<tr>
<td>Web - Rich Internet Application Developer</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>166</td>
</tr>
<tr>
<td>Web Designer</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>167</td>
</tr>
<tr>
<td>Web Developer</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>168</td>
</tr>
<tr>
<td>Web Systems</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>169</td>
</tr>
<tr>
<td>Webmaster</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>170</td>
</tr>
<tr>
<td>Welding Operator</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>171</td>
</tr>
<tr>
<td>Welding Specialist</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>172</td>
</tr>
<tr>
<td>Welding Technology</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>AIT</td>
<td>173</td>
</tr>
<tr>
<td>Word Processing Specialist</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BHIS</td>
<td>174</td>
</tr>
</tbody>
</table>

**DEGREES/CERTIFICATES**
- AA = Associate in Arts Degree
- AS = Associate in Science Degree
- AES = Associate in Engineering Science
- AAS = Associate in Applied Science
- Certificate = Occupational Certificate

**ACADEMIC DEPARTMENTS**
- AIT = Agricultural and Industrial Technologies
- AC = Arts and Communication
- BHIS = Business, Hospitality, and Information Systems
- EHL = English, Humanities, and Language Studies
- HC = Health Careers
- LIB = Library Science
- MSE = Math, Science, and Engineering
- PHYED = Physical Education
- SSPS = Social Science and Public Services
Career Clusters

Through the program sections of the Catalog, you'll see small icons like this:

These icons identify the primary career cluster for the program. Career Clusters were developed to give you the information you need to decide about a career. A "cluster" describes a group of careers that have specific knowledge (things you know) and skills (things you do) in common. At ICC, you'll find various programs that prepare you for careers in general areas like finance, health sciences, information technology, manufacturing or marketing.

Here are the icons and the areas they represent:

- Agriculture, Food, & Natural Resources
- Architecture & Construction
- Arts, Audio/Visual Technology & Communications
- Business Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics
- Transportation, Distribution & Logistics

You can use these icons as quick references for programs in the career area of your interest. For example, if you're interested in health careers in general and want to know what your ICC options are, look for this icon.

While Career Clusters give you an idea of how ICC programs fit into general career areas, you need to know that sometimes your program can support many Career Clusters. You might choose a program that has a primary Career Cluster of Information Technology, but you really want to be a teacher (the Education and Training Cluster). In this case, you're really preparing for two of the career areas! But we've kept our coding simple and just provided the primary career area to avoid confusion. Regardless of how you want to mix and match these, the best path to the career you want is to work with your advisor or ICC's Career Center.

For more information on Career Clusters and how they fit into the job world, visit: http://www.careertech.org
APPLIED SCIENCE DEGREE
and
CERTIFICATE

The Associate in Applied Science degree is a career-oriented degree preparing students for immediate employment and is awarded in a specific program of study. Although not designed as a transfer degree, some courses may fulfill Illinois Articulation Initiative’s general education requirements, and some courses may transfer to four-year colleges and universities. Students should consult their departmental advisor for more information on these courses.

An Occupational Certificate is awarded to students who complete all the requirements for organized programs of more than a single course (3-4 credit hours) but fewer than fifty (50) credit hours total. Requirements for admission to programs vary.
Certificate
Total Credit Hours: 15

Program Information: The mission of the 9-1-1 Telecommincator certificate program is to prepare the graduates for employment as a 9-1-1 telecommunicator by educating them in the knowledge, skills, and behaviors as an entry level 9-1-1 telecommunicator at a police, fire, or EMS department.

Contact Information:
Social Science and Public Services Department
North Campus
(309) 690-6863

9-1-1 Telecommunicator

PROGRAM COURSES:

- CRJ 110  INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM  3 CR. HRS.
- CRJ 190  9-1-1 TELECOMMUNICATOR I  3 CR. HRS.
- CRJ 191  9-1-1 TELECOMMUNICATOR II  3 CR. HRS.
- CRJ 201  INTERNSHIP IN CRIMINAL JUSTICE  3 CR. HRS.
- CRJ 225  CRIMINAL LAW  3 CR. HRS.

Recommended Course Sequence:
1st Semester: CRJ 110; CRJ 190
2nd Semester: CRJ 225; CRJ 191
Summer Semester 1: CRJ 201

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 66

Program Information: The mission of the Associate in Applied Science Accounting program is to provide a background in accounting to qualify the student as a paraprofessional in accounting, junior accountant, or in other entry-level positions in accounting, or to prepare the student to engage in a general business career, either as an owner or manager, by educating them in basic accounting methods and principles, and exposing students to computers and programming necessary in an automated accounting environment.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

To Remain in and Graduate From the Program:
Students should complete an “Application for Degree/Certificate” soon after completing 45 hours of the program. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309)694-5558

---

Accounting

GENERAL COURSES:
- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ACCTG 113 TAX ACCOUNTING 3 CR. HRS.
- ACCTG 115 PAYROLL ACCOUNTING 3 CR. HRS.
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- ACCTG 121 MANAGERIAL ACCOUNTING 4 CR. HRS.
- ACCTG 206 INTERMEDIATE ACCOUNTING I 3 CR. HRS.
- ACCTG 207 INTERMEDIATE ACCOUNTING II 3 CR. HRS.
- ACCTG 208 COST ACCOUNTING 3 CR. HRS.
- ACCOUNTING AND INFORMATION SYSTEMS 3 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- MGMT 113 PRINCIPLES OF MANAGEMENT 3 CR. HRS.
- OFACS 132 ELECTRONIC SPREADSHEETS 3 CR. HRS.
- OFACS 232 ADVANCED SPREADSHEETS 3 CR. HRS.

ELECTIVE COURSES:
- ACCOUNTING/BUSINESS ELECTIVE** 3 CR. HRS.

* See specific requirements for the Associate in Applied Science degree.
** ACCTG 108, 260 or approved BUS course

Recommended Course Sequence:
1st Semester: ACCTG 120; ECON 110 or 111; BUS 110; MGMT 113; CMGEN 120; BUS 120 or MATH 115
2nd Semester: ACCTG 121; ACCTG 115; BUS 215; English; Laboratory Science/Mathematics
Summer Semester 1: Humanities
3rd Semester: ACCTG 206; ACCTG 208; ACCTG 113; Communication; OFACS 132
4th Semester: ACCTG 207; ACCTG 216; OFACS 232; ACCTG or BUS Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 29

Program Information: The mission of the Accounting Clerk certificate program is to prepare students with little or no office experience who desire to rapidly acquire skills for entry-level accounting employment by educating students in basic accounting, keyboarding, and data entry, for possible employment as a general bookkeeper, accounting clerk, accounts receivable clerk, accounts payable clerk, payroll clerk, or similar positions in other areas of accounting, with manufacturers, the service industry, accounting firms, financial institutions, insurance companies, and not-for-profit and governmental organizations.

Additional Program Info: Students enrolled in this program must meet with their academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

To Remain in and Graduate From the Program:
Students should complete an “Application for Degree/Certificate” during the next to the last semester of study. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Accounting Clerk

PROGRAM COURSES:
- ACCTG 105 BOOKKEEPING/ACCOUNTING I 3 CR. HRS.
- ACCTG 108 ACCOUNTING USING QUICK BOOKS 3 CR. HRS.
- ACCTG 115 PAYROLL ACCOUNTING 3 CR. HRS.
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- OFACS 132 ELECTRONIC SPREADSHEETS 3 CR. HRS.
- OFACS 232 ADVANCED SPREADSHEETS 3 CR. HRS.
- TYPE 120 KEYBOARD/WORD PROCESSING I 3 CR. HRS.
- TYPE 121 KEYBOARDING/WORD PROCESSING II 3 CR. HRS.
- WP 161 DATA ENTRY 1 CR. HR.

Recommended Course Sequence:
1st Semester: ACCTG 105; OFACS 132; TYPE 120; TYPE 121; WP 161
2nd Semester: ACCTG 120; BUS 110; ACCTG 115; ACCTG 108; OFACS 232

For the most up-to-date program requirements, go online to the College catalog: [www.icc.edu/catalog](http://www.icc.edu/catalog)

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 32

Program Information: The mission of the Accounting Technician Certificate program is to prepare students with office experience the skills necessary for employment in accounting or an accounting related field. The Technician program provides education in accounting for personal income taxes and managerial decision-making using accounting information, in addition to basic accounting and payroll accounting. The Technician program prepares students for possible employment as a bookkeeper, payroll clerk, or similar positions in other areas of accounting, with manufacturers, the service industry, accounting firms, financial institutions, insurance companies, and not-for-profit and governmental organizations.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

To Remain in and Graduate From the Program:
Students should complete an “Application for Degree/Certificate” during the next to last semester of study. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Accounting Technician

PROGRAM COURSES:

- COMMUNICATION* 3 CR. HRS.
- ACCTG 105 BOOKKEEPING/ACCOUNTING I 3 CR. HRS.
- ACCTG 108 ACCOUNTING USING QUICK BOOKS 3 CR. HRS.
- ACCTG 113 TAX ACCOUNTING 3 CR. HRS.
- ACCTG 115 PAYROLL ACCOUNTING 3 CR. HRS.
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- ACCTG 121 MANAGERIAL ACCOUNTING 4 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- OFACS 132 ELECTRONIC SPREADSHEETS 3 CR. HRS.
- OFACS 232 ADVANCED SPREADSHEETS 3 CR. HRS.

* COMM 110, 113, 212; ENGL 110, 125.

Recommended Course Sequence:
1st Semester: ACCTG 105; BUS 110; ACCTG 113; Communication; OFACS 132
2nd Semester: ACCTG 120; ACCTG 115; ACCTG 108; OFACS 232
Summer Semester 1: ACCTG 121

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 65

Program Information: The mission of the Agricultural-Business Management Associate in Applied Science degree program is to prepare students for employment in the agricultural industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the agricultural industry.

Additional Program Info: This general agriculture option enhances the student’s ability to obtain a broad range of agricultural employment opportunities. Whether returning to a farm or working for an agricultural business, graduates of the Agricultural Business Management program will have a good basic knowledge of modern agricultural production and business practices. The student will complete two internships on a farm and/or in an agricultural business during their sophomore year to gain additional practical experience. Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule that meets Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

Agricultural Business Management

GENERAL COURSES:

- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION** 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS*** 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:

- AGBUS 111 ECONOMICS OF AGRICULTURE 3 CR. HRS.
- AGBUS 112 AGRICULTURAL SALES 2 CR. HRS.
- AGBUS 115 COMPUTER TECHNOLOGY IN AGRICULTURE 3 CR. HRS.
- AGBUS 200 OCCUPATIONAL INTERNSHIP AND SEMINAR I 5 CR. HRS.
- AGBUS 211 AGRICULTURE BUSINESS AND FINANCIAL MANAGEMENT 3 CR. HRS.
- AGBUS 212 MARKETING AGRICULTURAL PRODUCTS 3 CR. HRS.
- AGBUS 214 OCCUPATIONAL INTERNSHIP AND SEMINAR II 5 CR. HRS.
- AGMEC 117 PRINCIPLES OF AGRICULTURAL MECHANICS 3 CR. HRS.
- AGRI 111 PORK PRODUCTION 3 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- AGRI 114 RUMINANT ANIMAL PRODUCTION 3 CR. HRS.
- AGRI 118 HARVESTING, DRYING, AND STORING GRAIN 2 CR. HRS.
- AGRI 201 CROP PRODUCTION 4 CR. HRS.
- AGRI 203 INTEGRATED PEST MANAGEMENT 4 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** COMM 110 or 3 additional hours in composition courses such as ENGL 111, 116 or 125
*** See specific mathematics requirements for Associate in Applied Science Degree.

Recommended Course Sequence:
1st Semester: ENGL 110; AGBUS 111; AGRI 112; Mathematics; Social Science
2nd Semester: AGRI 111; AGRI 113; Humanities; Communication; AGMEC 117
Summer Semester 1: AGRI 201; AGRI 203
3rd Semester: AGBUS 112; AGBUS 200; AGBUS 115; AGRI 118
4th Semester: AGBUS 212; AGBUS 214; AGRI 114; AGBUS 211

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 65

**Program Information:** The mission of the Agricultural Business Management - Agricultural Sales Associate in Applied Science degree program is to prepare students for employment in the agricultural sales industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the agricultural sales industry.

**Additional Program Info:** Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule that meets Illinois Central College and personal requirements. Select electives in consultation with academic advisor.

**Contact Information:**
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

---

**Agricultural Business Management - Agricultural Sales**

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION** 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS*** 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**
- AGBUS 111 ECONOMICS OF AGRICULTURE 3 CR. HRS.
- AGBUS 112 AGRICULTURAL SALES 2 CR. HRS.
- AGBUS 115 COMPUTER TECHNOLOGY IN AGRICULTURE 3 CR. HRS.
- AGBUS 200 OCCUPATIONAL INTERNSHIP AND SEMINAR I 5 CR. HRS.
- AGBUS 214 OCCUPATIONAL INTERNSHIP AND SEMINAR II 5 CR. HRS.
- AGMEC 117 PRINCIPLES OF AGRICULTURAL MECHANICS 3 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- AGRI 201 CROP PRODUCTION 4 CR. HRS.
- AGRI 203 INTEGRATED PEST MANAGEMENT 4 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES**** 8 CR. HRS.
- ELECTIVES**** 6 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** COMM 110 or 3 additional hours in composition courses numbered 111 or above, such as ENGL 111, 116 or 125
*** See specific mathematics requirements for Associate in Applied Science Degree.
**** Select 14 hours from the following: AGBUS 211, 212, 255, AGRI 111, 114, 118, 133, 134, 233, 234, GIS 102, 104, 106, 108.

**Recommended Course Sequence:**
1st Semester: ENGL 110; AGBUS 111; AGRI 112; Mathematics; Social Science
2nd Semester: AGRI 113; AGMEC 117; Humanities; Communication; Approved Elective
Summer Semester 1: AGRI 201; AGRI 203
3rd Semester: AGBUS 112; AGBUS 115; AGBUS 200; Approved Electives
4th Semester: AGBUS 214; Electives

---

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science
Total Credit Hours: 65

Program Information: The mission of the Agricultural Business Management - Animal Systems Management Associate in Applied Science degree program is to prepare students for employment in the animal systems industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the animal systems industry.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule that meets Illinois Central College and personal requirements. Select electives in consultation with academic advisor.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

Agricultural Business Management - Animal Systems Management

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION** 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS*** 3 CR. HRS.
- AGRI 201 CROP PRODUCTION 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- AGBUS 111 ECONOMICS OF AGRICULTURE 3 CR. HRS.
- AGBUS 115 COMPUTER TECHNOLOGY IN AGRICULTURE 3 CR. HRS.
- AGBUS 200 OCCUPATIONAL INTERNSHIP AND SEMINAR I 5 CR. HRS.
- AGBUS 211 AGRICULTURE BUSINESS AND FINANCIAL MANAGEMENT 3 CR. HRS.
- AGBUS 214 OCCUPATIONAL INTERNSHIP AND SEMINAR II 5 CR. HRS.
- AGMEC 117 PRINCIPLES OF AGRICULTURAL MECHANICS 3 CR. HRS.
- AGRI 111 PORK PRODUCTION 3 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- AGRI 114 RUMINANT ANIMAL PRODUCTION 3 CR. HRS.
- AGRI 203 INTEGRATED PEST MANAGEMENT 4 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES**** 5 CR. HRS.
- ELECTIVES**** 6 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** COMM 110 or 3 additional hours in composition courses numbered 111 or above, such as ENGL 111, 116, or 125
*** See specific mathematic requirements for Associate in Applied Science Degree.
**** Select 11 hours from the following: AGBUS 112, 212, 255, AGRI 110, 112, 118, 133, 134, 233, 234, GIS 102, 104, 106, 108.

Recommended Course Sequence:
1st Semester: ENGL 110; AGBUS 111; Mathematics; Social Science; Elective
2nd Semester: AGRI 111; AGRI 113; AGMEC 117; Communication; Humanities
Summer Semester 1: AGRI 201; AGRI 203
3rd Semester: AGBUS 115; AGBUS 200; Approved Electives
4th Semester: AGRI 114; AGBUS 211; AGBUS 214; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 65

Program Information: The mission of the Agricultural Business Management - Crop Systems Management Associate in Applied Science degree program is to prepare students for employment in the crop systems industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the crop systems industry.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

General Courses:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION** 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS/LABORATORY SCIENCE *** 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

Program Courses:
- AGBUS 111 ECONOMICS OF AGRICULTURE 3 CR. HRS.
- AGBUS 115 COMPUTER TECHNOLOGY IN AGRICULTURE 3 CR. HRS.
- AGBUS 200 OCCUPATIONAL INTERNSHIP AND SEMINAR I 5 CR. HRS.
- AGBUS 211 AGRICULTURE BUSINESS AND FINANCIAL MANAGEMENT 3 CR. HRS.
- AGBUS 214 OCCUPATIONAL INTERNSHIP AND SEMINAR II 5 CR. HRS.
- AGMEC 117 PRINCIPLES OF AGRICULTURAL MECHANICS 3 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- AGRI 201 CROP PRODUCTION 4 CR. HRS.
- AGRI 203 INTEGRATED PEST MANAGEMENT 4 CR. HRS.

Elective Courses:
- APPROVED ELECTIVES**** 7 CR. HRS.
- ELECTIVES 6 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** COMM 110 or 3 additional hours in composition courses numbered 111 or above, such as ENGL 111, 116, or 125
*** See specific mathematic requirements for Associate in Applied Science Degree.
**** Select 13 hours from the following: AGBUS 112, 212, 255; AGRI 111, 114, 118, 133, 134, 233; GIS 102, 104, 106, 108.

Recommended Course Sequence:
1st Semester: ENGL 110; AGBUS 111; AGRI 112; Mathematics; Social Science
2nd Semester: AGRI 113; AGMEC 117; Humanities; Communication; Elective
Summer Semester: AGRI 201; AGRI 203
3rd Semester: AGBUS 115; AGBUS 200; Approved Electives
4th Semester: AGBUS 211; AGBUS 214; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science
Total Credit Hours: 65

Program Information: The mission of the Agricultural Business Management - Fertilizer and Chemical Operations Associate in Applied Science degree program is to prepare students for employment in the fertilizer and chemical operations industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the fertilizer and chemical operations industry.

Additional Program Info: Students enrolled in the Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule that meets Illinois Central College and personal requirements. Select electives in consultation with academic advisor.

To Remain in and Graduate From the Program: Select electives in consultation with academic advisor.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 25

Program Information: The mission of the Agricultural Business Management - Precision Agriculture Certificate program is to prepare students for employment and/or for the pursuit of an Agricultural-Business, Management Associate in Applied Science degree in the precision agricultural industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the precision agricultural industry.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

Agricultural Business Management-
Precision Agriculture

PROGRAM COURSES:
- AGBUS 115 COMPUTER TECHNOLOGY IN AGRICULTURE 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- AGRI 201 CROP PRODUCTION 4 CR. HRS.
- AGRI 203 INTEGRATED PEST MANAGEMENT 4 CR. HRS.
- GIS 102 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS 3 CR. HRS.
- GIS 104 APPLIED GEOGRAPHIC INFORMATION SYSTEMS 3 CR. HRS.
- GIS 106 GLOBAL POSITIONING SYSTEMS 1 CR. HR.

Recommended Course Sequence:
1st Semester: AGRI 112; GIS 102; GIS 106; AGBUS 115
2nd Semester: AGRI 113; GIS 104
Summer Semester 1: AGRI 201; AGRI 203

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 27

Program Information: The mission of the Agricultural Production Certificate program is to prepare students for employment and/or for the pursuit of an Agricultural Business Management Associate in Applied Science degree in agricultural production by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the agricultural production industry.

Additional Program Info: Students enrolled in this program must meet with their assigned agriculture advisor to plan a specific course schedule that meets Illinois Central College and personal requirements.

To Remain in and Graduate From the Program: The student is encouraged to select electives that will provide additional expertise in business, marketing and sales, crop production, or livestock production.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

Agricultural Production

PROGRAM COURSES:

- MATHEMATICS OR COMMUNICATIONS ELECTIVE** 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- AGRI 201 CROP PRODUCTION 4 CR. HRS.
- AGRI 203 INTEGRATED PEST MANAGEMENT 4 CR. HRS.

ELECTIVE COURSES:

- APPROVED ELECTIVES* 9 CR. HRS.

* Suggested electives: AGBUS 110 or 111, 112, 115, 211, 212; AGRI 110, 111, 114; GIS 102, 104, 106
** AGBUS 118, MAT 106 (or placement testing into higher MATH courses), COMM 110, ENGL 110, 116

Recommended Course Sequence:
1st Semester: AGRI 112; Mathematics or Communications; Approved Electives
2nd Semester: AGRI 113; Approved Electives
Summer Semester 1: AGRI 201; AGRI 203

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Associate in Applied Science**

**Total Credit Hours:** 61

**Program Information:** The mission of the Associate of Applied Science degree in Architectural Construction is to prepare students for entry level positions in construction firms by providing architectural drafting skills and an understanding of the fundamentals of architecture and construction.

**Additional Program Info:** Typical potential job titles for graduates could be internships in: architectural detailer, architectural drafter, estimator, planning technician, field inspector, sales representative and laboratory technician. The program offers several options in tailoring the student’s studies toward career goals by implementing the appropriate electives into the program outline. Those students considering transfer of credit to a university for a baccalaureate degree should discuss their program goals and transferability of courses with their advisor.

**Admission To the Program:** Suggested high school courses should include three years of high school mathematics, one laboratory science course and one year of architectural drafting. Students must complete basic skills placement testing before admission into this program.

**Contact Information:**
Arts and Communication Department
East Peoria Campus
Room 124A, (309) 694-5113
or Dirksen Hall, (309) 694-5734

---

**Architectural Construction Technology**

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 201 TECHNICAL COMMUNICATIONS 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATH 130 TECHNICAL ALGEBRA AND TRIGONOMETRY 5 CR. HRS.
- PHYS 112 TECHNICAL PHYSICS I 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**
- ARCH 131 ARCHITECTURAL CONSTRUCTION I 4 CR. HRS.
- ARCH 204 ARCHITECTURAL COMPUTER AIDED I DESIGN AND DRAFTING 3 CR. HRS.
- ARCTK 111 ARCHITECTURAL DRAFTING 3 CR. HRS.
- ARCTK 112 STRUCTURAL DRAFTING 3 CR. HRS.
- ARCTK 113 ELEMENTARY SURVEYING 2 CR. HRS.
- ARCTK 116 HISTORY OF ARCHITECTURE AND CONSTRUCTION 3 CR. HRS.
- ARCTK 125 SOILS AND FOUNDATION MATERIALS 3 CR. HRS.
- ARCTK 201 ARCHITECTURAL DRAFTING 4 CR. HRS.
- ARCTK 203 MECHANICS OF MATERIALS 3 CR. HRS.
- ARCTK 210 INTERNSHIP 3 CR. HRS.
- ARCTK 225 SITE DEVELOPMENT 2 CR. HRS.
- ARCTK 229 COST ESTIMATING AND CONSTRUCTION PRACTICE 3 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES** 4 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Approved Electives: ARCH 111, 112, 205, 206; ARCTK 114, 115, 117, 118, 215, 216, 224, 227, 228, 230, and 255

**Recommended Course Sequence:**
1st Semester: ARCTK 111; ARCTK 113; ARCTK 116; MATH 130; ENGL 110
2nd Semester: ARCH 131; ARCTK 112; ARCTK 125; ARCH 204; ENGL 201
Summer Semester 1: ARCTK 210
3rd Semester: ARCTK 201; ARCTK 203; ARCTK 225; PHYS 112; Approved Electives
4th Semester: ARCTK 229; Approved Electives; Social Science; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 35

Program Information: The mission of the Architectural Drafting Certificate is to prepare the student to enter employment as a trainee in the area of civil engineering, architecture, or construction with basic skills and knowledge of the profession.

Additional Program Info: The program is designed to give the student a diversified background in which a number of options for employment positions can be gained. Successful completion of this certificate program contributes to an associate degree in Architectural Construction Technology.

Admission To the Program: Suggested high school courses should include three years of high school math, one laboratory science course and one year of architectural drafting. Students must complete basic skills placement testing before admission into this program.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A, (309) 694-5113
or Dirksen Hall, (309) 694-5734

Architectural Drafting

GENERAL COURSES:
- ARCH 131 ARCHITECTURAL CONSTRUCTION I  4 CR. HRS.
- ARCH 204 ARCHITECTURAL COMPUTER AIDED I DESIGN AND DRAFTING  3 CR. HRS.
- ARCTK 111 ARCHITECTURAL DRAFTING  3 CR. HRS.
- ARCTK 112 STRUCTURAL DRAFTING  3 CR. HRS.
- ARCTK 113 ELEMENTARY SURVEYING  3 CR. HRS.
- ARCTK 116 HISTORY OF ARCHITECTURE AND CONSTRUCTION  3 CR. HRS.
- ARCTK 125 SOILS AND FOUNDATION MATERIALS  3 CR. HRS.
- ARCTK 210 INTERNSHIP  3 CR. HRS.
- ENGL 110 COMPOSITION I  3 CR. HRS.
- ENGL 201 TECHNICAL COMMUNICATIONS  3 CR. HRS.
- MATH 130 TECHNICAL ALGEBRA AND TRIGONOMETRY  5 CR. HRS.

Recommended Course Sequence:
1st Semester: ARCTK 111; ARCTK 113; ARCTK 116; MATH 130; ENGL 110
2nd Semester: ARCH 131; ARCTK 112; ARCTK 125; ARCH 204; ENGL 201
Summer Semester 1: ARCTK 210

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Automotive Technology

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 201 TECHNICAL COMMUNICATIONS 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- AUTO 115 FUEL AND IGNITIONS SYSTEMS FOR GASOLINE ENGINES 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE or PHIL 114 BUSINESS ETHICS 3 CR. HRS.

PROGRAM COURSES:
- AUTO 110 INTERNAL COMBUSTION ENGINES 3 CR. HRS.
- AUTO 111 INTRODUCTION TO AUTOMOTIVE TECHNOLOGY 3 CR. HRS.
- AUTO 114 MOTOR VEHICLE ELECTRICAL SYSTEMS 3 CR. HRS.
- AUTO 116 ELECTRICAL ACCESSORY CIRCUITS 3 CR. HRS.
- AUTO 117 MANUAL TRANSMISSION AND DRIVE AXLES 3 CR. HRS.
- AUTO 119 AUTOMOTIVE SUSPENSION, STEERING AND ALIGNMENT 3 CR. HRS.
- AUTO 129 AUTOMOTIVE AIR CONDITIONING SYSTEMS 3 CR. HRS.
- AUTO 201 ENGINE MACHINING AND REBUILDING 4 CR. HRS.
- AUTO 204 AUTOMOTIVE BRAKE SYSTEMS 3 CR. HRS.
- AUTO 213 ENGINE PERFORMANCE AND TESTING 3 CR. HRS.
- AUTO 218 MOTOR VEHICLE ELECTRONICS 3 CR. HRS.
- AUTO 234 AUTOMATIC TRANSMISSIONS 3 CR. HRS.
- AUTO 243 SHOP PRACTICES 4 CR. HRS.
- AUTO 244 EMISSIONS AND DRIVEABILITY 3 CR. HRS.
- AUTO 250 AUTOMOTIVE INTERNSHIP 4 CR. HRS.

* See specific requirements for Associate in Applied Science degree.

Recommended Course Sequence:
1st Semester: AUTO 110; AUTO 111; AUTO 119; AUTO 114; ENGL 110
2nd Semester: AUTO 115; AUTO 116; AUTO 117; Mathematics
Summer Semester 1: AUTO 129; AUTO 244
3rd Semester: AUTO 234; AUTO 201; ENGL 201; COMM 110 or PHIL 114; Social Science
4th Semester: AUTO 204; AUTO 243; AUTO 213; AUTO 218; AUTO 250

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 34

Program Information: The mission of the Banking and Finance Certificate program is to prepare or further educate individuals employed or preparing for employment in banking or finance, so that graduates of the program may seek or continue employment as loan officers, tellers, and in other management-related positions.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Banking and Finance

GENERAL COURSES:

- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I
- or ENGL 125 BUSINESS COMMUNICATIONS 3 CR. HRS.

PROGRAM COURSES:

- ACCTG 105 BOOKKEEPING/ACCOUNTING I
- or ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- BANK 110 PRINCIPLES OF BANK OPERATIONS 3 CR. HRS.
- BANK 120 MONEY AND BANKING 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- BUS 121 PRINCIPLES OF CUSTOMER SERVICE 3 CR. HRS.
- BUS 240 PERSONAL FINANCE 3 CR. HRS.
- MKTG 201 SALES 3 CR. HRS.

ELECTIVE COURSES:

- APPROVED ELECTIVES* 6 CR. HRS.

* Approved electives: BANK 125; BUS 200, 220, 260; CMGEN 120; CMPSC 120; MGMT 205

Recommended Course Sequence:

1st Semester: ACCTG 120; BANK 110; ENGL 110 or ENGL 125; BUS 121; Approved Elective
2nd Semester: BANK 120; BUS 120; BANK 125; MKTG 201; BUS 240; Approved Elective
Summer Semester 1: COMM 110

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 69

Program Information: The mission of the Caterpillar Dealer Service Technology Associate in Applied Science degree program is to prepare students for employment as a Service Technician in a sponsoring partner Caterpillar dealership. During this full-time two-year program the student will develop the necessary skills to be a productive member of the dealership's service team.

Additional Program Info: Each semester consists of eight weeks of technical classroom study and a required eight week dealer-sponsored internship work experience. Upon graduation the student will have earned an Associate in Applied Science degree.

Accreditation: AED accredited

Admission To the Program: To be considered for the program, each candidate must take the Illinois Central College academic placement test and mechanical reasoning test to determine appropriate class placement. Students must provide their own tools for use throughout the course of study.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule that meets student needs and fulfills program requirements. To remain in and graduate from the program, student must maintain a 3.0 cumulative grade point average each semester.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
Caterpillar Dealer Service Technology Building
Room TT101
(309) 694-5716

Caterpillar Dealer Service Technology

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- APPROVED MATHEMATICS** 3 CR. HRS.
- CATT 110 CATERPILLAR ENGINE FUNDAMENTALS 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- CATT 111 INTRODUCTION TO CATERPILLAR SERVICE INDUSTRY 2 CR. HRS.
- CATT 112 FUNDAMENTALS OF HYDRAULICS 3 CR. HRS.
- CATT 113 CATERPILLAR ENGINE FUEL SYSTEMS 3 CR. HRS.
- CATT 114 FUNDAMENTALS OF ELECTRICAL SYSTEMS 3 CR. HRS.
- CATT 115 AIR CONDITIONING 2 CR. HRS.
- CATT 116 FUNDAMENTALS OF TRANSMISSIONS & TORQUE CONVERTERS 3 CR. HRS.
- CATT 117 MACHINE HYDRAULIC SYSTEMS 3 CR. HRS.
- CATT 150 INTERNSHIP I 4 CR. HRS.
- CATT 151 INTERNSHIP II 4 CR. HRS.
- CATT 200 UNDERCARRIAGE/FINAL DRIVES 3 CR. HRS.
- CATT 201 MACHINE ELECTRONIC SYSTEMS 3 CR. HRS.
- CATT 202 CATERPILLAR ENGINE PERFORMANCE 2 CR. HRS.
- CATT 203 DIAGNOSTIC TESTING 1 CR. HR.
- CATT 204 MACHINE SPECIFIC SYSTEMS 4 CR. HRS.
- CATT 250 INTERNSHIP III 4 CR. HRS.
- CATT 251 INTERNSHIP IV 4 CR. HRS.
- WLDT 120 WELDING 2 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Approved mathematics: AGBUS 118, BUS 120, MATH 110 or higher

Recommended Course Sequence:
1st Semester: CATT 110; CATT 111; WLDT 120; CATT 150; ENGL 110
2nd Semester: CATT 112; CATT 113; CATT 114; CATT 151; Approved Mathematics
Summer Semester 1: CATT 115; CATT 116; CATT 117
3rd Semester: CATT 200; CATT 201; CATT 250; COMM 110; Humanities
4th Semester: CATT 202; CATT 203; CATT 204; CATT 251; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Associate in Applied Science**

**Total Credit Hours:** 62 to 64

**Program Information:** The mission of the Associate in Applied Science Child Development degree program is to prepare students for employment in the early childhood education field by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of early childhood education.

**To Remain in and Graduate From the Program:**
Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students must maintain a "C" or better in each program course to remain in and graduate from the program.

**Contact Information:**
Social Science Department
East Peoria Campus
Room 220D
(309) 694-5331

---

**Child Development**

**GENERAL COURSES:**
- ENGL 110: COMPOSITION I 3 CR. HRS.
- COMM 110: COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- PSY 110: INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3-5 CR. HRS.
- HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**
- CHILD 130: INTRODUCTION TO CREATIVE ACTIVITIES 3 CR. HRS.
- CHILD 132: INFANT-TODDLER DEVELOPMENT 3 CR. HRS.
- CHILD 120: HUMAN GROWTH AND DEVELOPMENT 3 CR. HRS.
- CHILD 110: INTRODUCTION TO CHILD DEVELOPMENT 3 CR. HRS.
- CHILD 140: CHILD, FAMILY, AND COMMUNITY 3 CR. HRS.
- CHILD 200: EARLY CHILDHOOD SPECIAL EDUCATION 3 CR. HRS.
- CHILD 230: PROGRAM PLANNING 3 CR. HRS.
- CHILD 231: LITERATURE FOR CHILDREN 3 CR. HRS.
- CHILD 240: CHILD DEVELOPMENT EXPERIENCES 4 CR. HRS.
- CHILD 241: CHILD DEVELOPMENT EXPERIENCES 6 CR. HRS.
- FCS 111: EARLY CHILDHOOD NUTRITION EDUCATION 3 CR. HRS.

**ELECTIVE COURSES:**
- ELECTIVES** 6 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** All electives must be at the 110 level or above.

**Recommended Course Sequence:**
1st Semester: ENGL 110; FCS 111; CHILD 110; CHILD 120; PSY 110
2nd Semester: COMM 110; CHILD 140; CHILD 130; CHILD 132; Laboratory Science
3rd Semester: CHILD 230; CHILD 240; Elective; Mathematics; CHILD 200
4th Semester: CHILD 231; CHILD 241; Elective; Humanities

---

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 31

Program Information: The mission of the Child Development-Advanced certificate is to prepare bachelor degree students for employment in the early childhood education field by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of early childhood education.

To Remain in and Graduate From the Program:
Students must meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements. Student must attain a “C” grade or better in each CHILD course to be retained in and graduate from the program.

Contact Information:
Social Sciences Department
East Peoria Campus
Room 220D
(309) 694-5331

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.

Child Development - Advanced

PROGRAM COURSES:
- CHILD 110 INTRODUCTION TO CHILD DEVELOPMENT 3 CR. HRS.
- CHILD 120 HUMAN GROWTH AND DEVELOPMENT 3 CR. HRS.
- CHILD 130 INTRODUCTION TO CREATIVE ACTIVITIES 3 CR. HRS.
- CHILD 132 INFANT-TODDLER DEVELOPMENT 3 CR. HRS.
- CHILD 140 CHILD, FAMILY, AND COMMUNITY 3 CR. HRS.
- CHILD 230 PROGRAM PLANNING 3 CR. HRS.
- CHILD 231 LITERATURE FOR CHILDREN 3 CR. HRS.
- CHILD 240 CHILD DEVELOPMENT EXPERIENCES I 4 CR. HRS.
- CHILD 241 CHILD DEVELOPMENT EXPERIENCES 6 CR. HRS.

Recommended Course Sequence:
1st Semester: CHILD 110; CHILD 120
2nd Semester: CHILD 130; CHILD 132; CHILD 140
3rd Semester: CHILD 230; CHILD 240
4th Semester: CHILD 231; CHILD 241
Certificate
Total Credit Hours: 12

Program Information: The Child Development - Basic certificate is designed for the student who already has at least 48 semester hours of college credit and is seeking additional child development semester hours to become teacher-qualified at child care centers licensed by the Illinois Department of Children and Family Services (DCFS). This certificate can lead to the Child Development Advanced Certificate and the Associate in Applied Science Child Development degree.

To Remain in and Graduate From the Program:
Students must meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements. Student must attain a "C" or better in each CHILD course to be retained in and graduate from the program.

Contact Information:
Social Sciences Department
East Peoria Campus
Room 220D
(309) 694-5331

Child Development - Basic

PROGRAM COURSES:

- CHILD 110 INTRODUCTION TO CHILD DEVELOPMENT  3 CR. HRS.
- CHILD 120 HUMAN GROWTH AND DEVELOPMENT  3 CR. HRS.
- CHILD 130 INTRODUCTION TO CREATIVE ACTIVITIES  3 CR. HRS.
- CHILD 140 CHILD, FAMILY, AND COMMUNITY  3 CR. HRS.

Recommended Course Sequence:
1st Semester: CHILD 110; CHILD 120
2nd Semester: CHILD 130; CHILD 140

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 16

Program Information: The mission of the Cisco Certified Network Associate (CCNA) is to educate in the areas of networking standards, LANS, WANs, OSI models, IPX addressing, Fast Ethernet standards, PPP, ISDN and Frame Relay by providing instruction and practical classroom experience to students.

Accreditation: Cisco Certified Network Associate (CCNA) Certificate

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students should submit a complete an “Application for Degree/Certificate” after completing 8 hours. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.

Cisco Certified Network Associate (CCNA)

PROGRAM COURSES:
- CMCIS 151 NETWORK FUNDAMENTALS 4 CR. HRS.
- CMCIS 152 ROUTING PROTOCOLS AND CONCEPTS 4 CR. HRS.
- CMCIS 153 LAN SWITCHING 4 CR. HRS.
- CMCIS 154 WAN COMMUNICATION 4 CR. HRS.

Recommended Course Sequence:
1st Semester: CMCIS 151; CMCIS 152
2nd Semester: CMCIS 153; CMCIS 154
Certificate
Total Credit Hours: 15

Program Information: The mission of the Cisco Certified Network Professional (CCNP) program is to provide instruction in the areas of network technology, safety, networking protocols, network standards, advance routing configurations, advanced switching configuration, remote access configurations and practical classroom and troubleshooting experience to students.

Accreditation: Cisco Certified Network Professional (CCNP) Certificate

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students should submit an "Application for Degree/Certificate" after completing 8 hours. This form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Cisco Certified Network Professional (CCNP)

PROGRAM COURSES:

- CMCIS 156       CCNA VOICE*
- or CMCIS 157       CCNA WIRELESS*
- or CMCIS 158       CCNA SECURITY*  3 CR. HRS.
- CMCIS 271       CCNP ROUTE  4 CR. HRS.
- CMCIS 273       CCNP SWITCH  4 CR. HRS.
- CMCIS 274       CCNP TROUBLESHOOTING  4 CR. HRS.

* See advisor for recommendations

Recommended Course Sequence:
1st Semester: CMCIS 271
2nd Semester: CMCIS 273; CMCIS 274; CMCIS 158
(only if CMCIS 156 or CMCIS 157 not completed)
Summer Semester 1: CMCIS 156 or CMCIS 157

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Program Information:** The mission of the Cisco Networking Specialist program of study is to prepare students for employment in the networking field through education and training on internetworking equipment as well as specialized areas of cabling, design, security, Windows, Unix, and Cisco IOS applications.

**Admission To the Program:** Students are expected to be proficient in the use of the Windows Operating System. Proficiency may be exhibited by completing CMGEN 110 with a grade of "C" or better or passing the CMGEN 110 proficiency exam.

**To Remain in and Graduate From the Program:** Students must meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.

**Contact Information:**
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

---

**Cisco Networking Specialist**

**GENERAL COURSES:**
- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 7 CR. HRS.
- HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**
- CMCIS 147 FUNDAMENTALS OF VOICE AND DATA CABLING I 4 CR. HRS.
- CMCIS 151 NETWORK FUNDAMENTALS 4 CR. HRS.
- CMCIS 152 ROUTING PROTOCOLS AND CONCEPTS 4 CR. HRS.
- CMCIS 153 LAN SWITCHING 4 CR. HRS.
- CMCIS 154 WAN COMMUNICATION 4 CR. HRS.
- CMCIS 156 CCNA VOICE**
  or CMCIS 157 CCNA WIRELESS**
  or CMCIS 158 CCNA SECURITY** 3 CR. HRS.
- CMCIS 271 CCNP ROUTE 4 CR. HRS.
- CMCIS 273 CCNP SWITCH 4 CR. HRS.
- CMCIS 274 CCNP TROUBLESHOOTING 4 CR. HRS.
- CMNET 210 WINDOWS SERVER ADMINISTRATION 3 CR. HRS.
- CMPSC 249 UNIX 3 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES*** 3-4 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** See advisor for recommendations.
*** Electives may be from any of the following prefixes: CMCIS, CMPSC, CMGEN, CMNET, or CMWEB.

**Recommended Course Sequence:**
1st Semester: CMCIS 151; CMCIS 152; CMPSC 249; English
2nd Semester: CMCIS 153; CMCIS 154; CMNET 210; Laboratory Science/Mathematics
  Summer Semester 1: Approved Elective; CMCIS 156 or CMCIS 157
3rd Semester: CMCIS 271; Social Science; Humanities; CMCIS 147
  4th Semester: CMCIS 273; CMCIS 274; Communication; Laboratory Science/Mathematics;
  CMCIS 158 (only if CMCIS 156 or CMCIS 157 not completed)

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 25

Program Information: The mission of the Clerk Typist certificate program is to educate the student who has had little previous training in typing and other business subjects, and to develop office skills to qualify for entry-level jobs such as typist, file clerk, receptionist, and cashier.

Additional Program Info: Contact the Business, Hospitality, and Information Systems Department for information regarding the TYPE 120 placement exam and the TYPE 121 proficiency exam.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students should submit a complete an "Application for Degree/Certificate" after completing 12-15 hours of the above program. The form is available in Enrollment Services, L211.

Contact Information: Business, Hospitality, and Information Systems Department East Peoria Campus Technology Center Room 205 (309) 694-5558

---

Clerk Typist

GENERAL COURSES:
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.

PROGRAM COURSES:
- ACCTG 105 BOOKKEEPING/ACCOUNTING I 3 CR. HRS.
- OFACS 126 OUTLOOK 1 CR. HR.
- OFOCC 111 TELEPHONE SKILLS FOR THE OFFICE 1 CR. HR.
- OFOCC 114 FUNDAMENTALS OF TRANSCRIPTION 3 CR. HRS.
- OFOCC 151 PROFESSIONAL DEVELOPMENT FOR OFFICE EMPLOYEES 3 CR. HRS.
- OFOCC 205 FUNDAMENTALS OF RECORDS CONTROL 3 CR. HRS.
- TYPE 120 KEYBOARD/WORD PROCESSING I 3 CR. HRS.
- TYPE 121 KEYBOARDING/WORD PROCESSING II 3 CR. HRS.
- TYPE 141 TYPING SPEED DEVELOPMENT TO 50 NWPM* 1 CR. HR.
- WP 161 DATA ENTRY 1 CR. HR.

* Enroll in TYPE 130 to earn credit in one of the following courses: TYPE 140, 141, 142, 143, 144, or 145.

Recommended Course Sequence:
1st Semester: BUS 120; OFOCC 151; TYPE 120; TYPE 121; OFACS 126
2nd Semester: OFOCC 111; OFOCC 114; OFOCC 205; TYPE 141; ACCTG 105; WP 161

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 9

Program Information: The mission of the CNC Machine Operator Certificate program is to prepare students with the skills and knowledge required for entry-level employment as a CNC machine operator in a manufacturing facility. Individuals will learn part design, machine setup and operation, and production.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5171

CNC Machine Operator

PROGRAM COURSES:
- MACTR 110 PRINT READING - MECHANICAL 3 CR. HRS.
- MACTR 121 MACHINE TOOL OPERATION I 3 CR. HRS.
- NCTK 110 INTRODUCTION TO NUMERICAL CONTROL SYSTEMS 1 CR. HR.
- NCTK 212 CNC MACHINE OPERATION I 2 CR. HRS.

Recommended Course Sequence:
1st Semester: MACTR 110; MACTR 121; NCTK 110; NCTK 212
Certificate
Total Credit Hours: 27

Program Information: The mission of the Commercial Refrigeration Certificate program is to provide students with the knowledge and skills pertaining to the maintenance and repairing of ice machines as well as both medium and low temperature walk-ins, reach-ins, and supermarket refrigeration. After completing the program coursework consisting of both lecture and lab experiences, the graduates will be prepared to seek employment as entry-level technicians as refrigeration mechanics or general facilities repair persons.

Additional Program Info: The Residential Installer Certificate is required to enter this program. Students must complete basic skills placement testing before admission into this program.

Accreditation: The HVAC/R programs at Illinois Central College are fully accredited by the PAHRA (Partnership of Air Conditioning and Heating and Refrigeration Accreditation). The PAHRA is supported by the Air-Conditioning and Refrigeration Institute (ARI), the Air Conditioning Contractors of America (ACCA), the American Society of Heating and Refrigerating, and Air Conditioning Engineers (ASHRAE), the Council of Air Conditioning and Refrigeration Educators (CARE), the Gas Appliance Manufacturing Association (GAMA), the Heating, Air Conditioning & Refrigeration Distributors International (HARDI), and the Plumbing Heating Cooling Contractors-National Association (PHCC).

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
Dirksen Building
Room 9
(309) 694-5293

Commercial Refrigeration Technician

PROGRAM COURSES:

- ARCTK 119  BLUEPRINT READING - CONSTRUCTION 1 CR. HR.
- REACT 110  REFRIGERATION I 4 CR. HRS.
- REACT 111  AIR CONDITIONING SYSTEMS I 3 CR. HRS.
- REACT 112  REFRIGERATION II 4 CR. HRS.
- REACT 113  AIR CONDITIONING SYSTEMS II 3 CR. HRS.
- REACT 118  ELECTRICITY AS IT APPLIES TO HVAC/R 4 CR. HRS.
- REACT 130  COMMERCIAL REFRIGERATION AND ICE MACHINES I 4 CR. HRS.
- REACT 131  COMMERCIAL REFRIGERATION AND ICE MACHINES II 4 CR. HRS.

Recommended Course Sequence:
1st Semester: REACT 110; REACT 111
2nd Semester: REACT 112; REACT 113; ARCTK 119
Summer Semester 1: REACT 118
3rd Semester: REACT 130
4th Semester: REACT 131

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 14

Program Information: The mission of the Computed Tomography Program is to prepare knowledgeable and skilled entry-level CT technologists to meet the needs of the medical community.

Admission To the Program: 1. Successful completion of an accredited program in: radiologic technology, nuclear medicine technology and/or radiation therapy technology with a minimum cumulative grade point average of 2.50. 2. Currently hold national certification and registration in Radiography, Radiation Therapy, or Nuclear Medicine, and maintain a current license in medical radiation technology from the Illinois Emergency Management Agency (IEMA), Department of Nuclear Safety. 3. This one-semester program is offered in the spring and fall semesters with limited enrollment based on clinical availability. 4. Drug screen, criminal background check, physical exam, and proof of immunizations, will be required following program acceptance. 5. Required proof of current CPR certification: American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) or American Red Cross (ARC) Professional Rescuer and Health Care Provider by specified date. Proof of certification must be in the form of an original or photocopy of course completion card issued by either the AHA or ARC. Students are required to maintain current CPR certification throughout the program.

To Remain in and Graduate From the Program: Students must attain a "C", or "S", or better in all RADTK courses.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4645

Computed Tomography

PROGRAM COURSES:

- RADTK 260  SECTIONAL ANATOMY FOR DIAGNOSTIC IMAGING  3 CR. HRS.
- RADTK 270  PATHOLOGY AND PHARMACOLOGY FOR THE IMAGING PROFESSIONAL  3 CR. HRS.
- RADTK 280  COMPUTED TOMOGRAPHY PRINCIPLES, INSTRUMENTATION AND IMAGING PROCEDURES  3 CR. HRS.
- RADTK 285  COMPUTED TOMOGRAPHY PRACTICUM  3 CR. HRS.
- RADTK 290  COMPUTED TOMOGRAPHY REVIEW  2 CR. HRS.

Recommended Course Sequence:
1st Semester: RADTK 260 RADTK 270 RADTK 280 RADTK 285 RADTK 290

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Computer Programming and Database Development

GENERAL COURSES:
- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- CMGEN 123 COMPUTER MATHEMATICS 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- CMPSC 115 ESSENTIALS OF PROGRAMMING 3 CR. HRS.
- CMPSC 124 EVENT-DRIVEN PROGRAMMING IN VISUAL BASIC 3 CR. HRS.
- CMPSC 125 CS I: PROGRAMMING IN C
  or CMPSC 135 CS I: PROGRAMMING IN JAVA 3 CR. HRS.
- CMPSC 140 INTRODUCTION TO RELATIONAL DATABASES 3 CR. HRS.
- CMPSC 212 CS II: ADVANCED PROGRAMMING IN C
  or CMPSC 235 CS II: ADVANCED PROGRAMMING IN JAVA 3 CR. HRS.
- CMPSC 224 ADVANCED VISUAL BASIC 3 CR. HRS.
- CMPSC 245 STRUCTURED QUERY LANGUAGE 3 CR. HRS.
- CMPSC 249 UNIX 3 CR. HRS.
- CMPSC 265 DATABASE ADMINISTRATION 3 CR. HRS.
- CMPSC 270 STRUCTURED SYSTEM ANALYSIS 3 CR. HRS.
- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES** 9 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Electives may come from any of the computer areas: CMPSC, CMGEN, CMWEB, CMNET or CMCIS.

Recommended Course Sequence:
1st Semester: CMWEB 110; CMPSC 115; CMPSC 249; Humanities; English
2nd Semester: CMGEN 123; Communication; CMPSC 125 or 135; Approved Elective; CMPSC 140
Summer Semester 1: Laboratory Science/Mathematics
3rd Semester: CMPSC 245; CMPSC 124; Social Science; CMPSC 212 or 235, Approved Elective
4th Semester: Approved Elective; CMPSC 265; CMPSC 224; CMPSC 270

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 42

Program Information: The mission of the Computer Programming and Database Development Certificate is to provide students with a working knowledge of the principles, techniques, and skills to program in a computer environment, so that individuals following this sequence of courses are prepared for entry-level employment or enhancement of their skills as a computer programmer.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Computer Programming and Database Development

Program Courses:
- CMPSC 115 ESSENTIALS OF PROGRAMMING 3 CR. HRS.
- CMPSC 124 EVENT-DRIVEN PROGRAMMING IN VISUAL BASIC 3 CR. HRS.
- CMPSC 125 CS I: PROGRAMMING IN C or CMPSC 135 CS I: PROGRAMMING IN JAVA 3 CR. HRS.
- CMPSC 140 INTRODUCTION TO RELATIONAL DATABASES 3 CR. HRS.
- CMPSC 212 CS II: ADVANCED PROGRAMMING IN C or CMPSC 235 CS II: ADVANCED PROGRAMMING IN JAVA 3 CR. HRS.
- CMPSC 224 ADVANCED VISUAL BASIC 3 CR. HRS.
- CMPSC 245 STRUCTURED QUERY LANGUAGE 3 CR. HRS.
- CMPSC 249 UNIX 3 CR. HRS.
- CMPSC 265 DATABASE ADMINISTRATION 3 CR. HRS.
- CMPSC 270 STRUCTURED SYSTEM ANALYSIS 3 CR. HRS.
- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES* 9 CR. HRS.

* Electives may come from any of the computer areas: CMPSC, CMGEN, CMNET, CMCIS, or CMWEB.

Recommended Course Sequence:
1st Semester: CMWEB 110; CMPSC 115; CMPSC 249
2nd Semester: CMPSC 140; CMPSC 124; Approved Electives
3rd Semester: CMPSC 245; CMPSC 125 or CMPSC 135; Approved Electives
4th Semester: CMPSC 265; CMPSC 270; CMPSC 224; CMPSC 212 or CMPSC 235

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 31

Program Information: The mission of the Computer-Aided Mechanical Drafting Certificate program is to provide students with the knowledge and skills required for entry-level employment in computer-aided design and drafting systems. Individuals will learn manufacturing processes, welding processes, and dimensional metrology.

Additional Program Info: The student can earn the certificate as they work towards a Mechanical Engineering Technology Associate in Applied Science degree and/or a baccalaureate in Manufacturing Engineering Technology or an Industrial Technology Associate in Applied Science degree.

Admission To the Program: Math skills equivalent to two years of high school algebra and one year of high school geometry are required for admission to the program. These courses are available at the College for applicants who need to upgrade their math skills.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Computer-Aided Mechanical Drafting

PROGRAM COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- GENTK 202 VOCATIONAL INTERNSHIP* 4 CR. HRS.
- MATH 130 TECHNICAL ALGEBRA AND TRIGONOMETRY 5 CR. HRS.
- MECTK 110 INTRODUCTION TO THE TOOLS OF TECHNOLOGY 3 CR. HRS.
- MECTK 115 PRINCIPLES OF DIMENSIONAL METROLOGY 2 CR. HRS.
- MECTK 121 INTRODUCTION TO MECHANICAL COMPUTER-AIDED DRAFTING 3 CR. HRS.
- MECTK 123 MECHANICAL DETAILING WITH CAD 3 CR. HRS.
- MECTK 125 3-D MODELING WITH CAD 3 CR. HRS.
- MECTK 138 MANUFACTURING PROCESSES I 3 CR. HRS.
- WLDTR 119 WELDING PROCESSES 2 CR. HRS.

* Optional

Recommended Course Sequence:
1st Semester: MECTK 110; MECTK 138; MECTK 121; ENGL 110; MECTK 115
2nd Semester: MECTK 123; MECTK 125; WLDTR 119; GENTK 202; MATH 130

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 21

Program Information: The mission of the Crime Scene Technology certificate is to prepare the student who seeks skills to be a crime scene investigator. This program is particularly useful for law enforcement officers in developing skills needed to preserve the integrity of a crime scene.

Admission To the Program: Official transcripts from other institutions must be mailed directly from the institution to Enrollment Services at ICC.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Social Sciences and Public Services Department
North Campus
Room P117
(309) 690-7691

Crime Scene Technology

PROGRAM COURSES:
- CRJ 130  INTRODUCTION TO INVESTIGATION  3 CR. HRS.
- CRJ 225  CRIMINAL LAW  3 CR. HRS.
- CRJ 230  COURT PROCEDURES AND EVIDENCE  3 CR. HRS.
- FORSC 123  FORENSIC PHOTOGRAPHY  3 CR. HRS.
- FORSC 244  CRIME SCENE BASICS  4 CR. HRS.
- FORSC 245  CRIME SCENE PRACTICAL  2 CR. HRS.

ELECTIVE COURSES:
- CRJ ELECTIVE*  3 CR. HRS.

* Recommended electives: CRJ 110, CRJ 227

Recommended Course Sequence:
1st Semester: CRJ 130, FORSC 244, CRJ 225, FORSC 123
2nd Semester: FORSC 245, CRJ 230, CRJ Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Culinary Arts Management

**GENERAL COURSES:**
- ENGL 110  COMPOSITION I  3 CR. HRS.
- ENGL 125  BUSINESS COMMUNICATIONS  3 CR. HRS.
  or COMM 110  COMMUNICATION: PROCESS AND PRACTICE  3 CR. HRS.
- ECONOMICS**  3 CR. HRS.
- BUS 120  BUSINESS MATHEMATICS  3 CR. HRS.
  or APPROVED MATHEMATICS  3 CR. HRS.
- LABORATORY SCIENCE*  4 CR. HRS.
- HUMANITIES*  3 CR. HRS.

**PROGRAM COURSES:**
- CA 150  PROFESSIONAL COOKING  3 CR. HRS.
- CA 151  ADVANCED SANITATION AND SAFETY  3 CR. HRS.
- CA 153  BAKING  3 CR. HRS.
- CA 155  MEAT, POULTRY AND FISH  3 CR. HRS.
- CA 156  SAUCES  3 CR. HRS.
- CA 157  GARDE MANGER  3 CR. HRS.
- CA 175  TOPICS IN CULINARY ARTS  3 CR. HRS.
- CA 211  FOODSERVICE MARKETING  3 CR. HRS.
- CA 212  FOODSERVICE COST CONTROL  4 CR. HRS.
- CA 213  BEVERAGE MANAGEMENT  3 CR. HRS.
- CA 215  FOODSERVICE NUTRITION AND MENU PLANNING  3 CR. HRS.
- CA 220  ADVANCED PROFESSIONAL COOKING  3 CR. HRS.
- CA 225  INTERNSHIP IN CULINARY ARTS  3 CR. HRS.
- CA 253  ADVANCED BAKING  3 CR. HRS.
- HLTH 120  FIRST AID  2 CR. HRS.
- HOS 110  INTRODUCTION TO HOSPITALITY MANAGEMENT  3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** ECON 105, 110 or 111

Recommended Course Sequence:
1st Semester: CA 150; CA 151; ENGL 110; BUS 120 or Approved Mathematics; HOS 110
2nd Semester: CA 153; CA 253; CA 212; CA 213; HLTH 120
3rd Semester: CA 155; CA 157; CA 211; CA 215; Laboratory Science
4th Semester: CA 156; CA 220; CA 225; ENGL 125 or COMM 110; Humanities
Summer Semester 2: CA 175; Economics

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 37

Program Information: The mission of the Culinary Arts Certificate program is to prepare students for entry level employment in the restaurant industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the restaurant industry.

Accreditation: Illinois Central College is a Professional Management Development Partner with the National Restaurant Association Educational Foundation. Upon completion of the certificate the student will earn the Professional Management Development (ProMgmt.) Certificate of completion.

Admission To the Program: Students must complete basic skills placement testing prior to admission to this program.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Culinary Arts Program
North Campus
Dogwood Hall
Telephone: Last name
(A-I) (309) 690-6890
(J-O) (309) 690-6846
(P-Z) (309) 690-6889

Culinary Arts Management

PROGRAM COURSES:
- BUS 120 BUSINESS MATHEMATICS
- CA 150 PROFESSIONAL COOKING
- CA 151 ADVANCED SANITATION AND SAFETY
- CA 153 BAKING
- CA 155 MEAT, POULTRY AND FISH
- CA 157 GARDE MANGER
- CA 211 FOODSERVICE MARKETING
- CA 212 FOODSERVICE COST CONTROL
- CA 213 BEVERAGE MANAGEMENT
- CA 215 FOODSERVICE NUTRITION AND MENU PLANNING
- ENGL 110 COMPOSITION I
- HOS 110 INTRODUCTION TO HOSPITALITY MANAGEMENT

Recommended Course Sequence:
1st Semester: CA 150; CA 151; CA 153; CA 155
2nd Semester: CA 211; CA 212; CA 215; BUS 120 or Approved Mathematics
3rd Semester: HOS 110; ENGL 110; CA 212; CA 157

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 31

Program Information: The mission of the Customer Service Professional certificate is to merge the student's office/technological skills with the human relations/management skills needed by customer service personnel, so that students may enhance an existing degree program, or may seek to move into a degree program.

Admission To the Program: Students are expected to be computer literate, to know the Windows operating system, and be able to touch type. If this is not the case, TYPE 120 is a prerequisite for entering this program. Contact the Business, Hospitality, and Information Systems Department regarding the TYPE 120 placement exam and the TYPE 121 proficiency exam.

To Remain in and Graduate From the Program: Students must meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Customer Service Professional

PROGRAM COURSES:
- ACCTG 105      BOOKKEEPING/ACCOUNTING I
  or ACCTG 120      FINANCIAL ACCOUNTING  4 CR. HRS.
- BUS 120          BUSINESS MATHEMATICS  3 CR. HRS.
- BUS 121          PRINCIPLES OF CUSTOMER SERVICE  3 CR. HRS.
- BUS 215          LEGAL ENVIRONMENT OF BUSINESS  3 CR. HRS.
- MGMT 113         PRINCIPLES OF MANAGEMENT  3 CR. HRS.
- OFACS 132        ELECTRONIC SPREADSHEETS
  or OFACS 211      INTEGRATED OFFICE PROJECTS  3 CR. HRS.
- OFOCC 111        TELEPHONE SKILLS FOR THE OFFICE  1 CR. HR.
- OFOCC 151        PROFESSIONAL DEVELOPMENT FOR OFFICE EMPLOYEES  3 CR. HRS.
- OFOCC 205        FUNDAMENTALS OF RECORDS CONTROL  3 CR. HRS.
- OFOCC 210        ADMINISTRATIVE OFFICE PROCEDURES  3 CR. HRS.
- TYPE 121         KEYBOARDING/WORD PROCESSING II  3 CR. HRS.

Recommended Course Sequence:
1st Semester: ACCTG 105 or ACCTG 120; BUS 120; TYPE 121; OFOCC 151; OFOCC 111
2nd Semester: BUS 121; MGMT 113; OFOCC 205; OFACS 132 or OFACS 211
3rd Semester: OFOCC 210; BUS 215

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 7

Program Information: The mission of the Data Entry Clerk certificate is to prepare students who wish to be employed in the area of data entry utilizing numeric and alphanumeric keypads, with the knowledge, speed, and accuracy necessary for entry-level employment.

Additional Program Info: Contact the Business, Hospitality, and Information Systems Department for information regarding the TYPE 120 placement exam and the TYPE 121 proficiency exam.

Admission To the Program: Students are expected to be computer literate, to know the Windows operating system, and be able to touch type. If this is not the case, TYPE 120 is a prerequisite for entering this program.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students should submit a complete an “Application for Degree/Certificate” after completing 5 hours. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Data Entry Clerk

PROGRAM COURSES:
- OFOCC 111 TELEPHONE SKILLS FOR THE OFFICE 1 CR. HR.
- TYPE 121 KEYBOARDING/WORD PROCESSING II or CMGEN 110 INTRODUCTION TO WINDOWS 3 CR. HRS.
- TYPE 140 TYPING SPEED DEVELOPMENT TO 40 NWPM* 1 CR. HR.
- TYPE 141 TYPING SPEED DEVELOPMENT TO 50 NWPM* 1 CR. HR.
- WP 161 DATA ENTRY 1 CR. HR.

* Enroll in TYPE 130 to earn credit in one of the following courses: TYPE 140, 141, 142, 143, 144, or 145.

Recommended Course Sequence:
1st Semester: TYPE 121 or CMGEN 110; OFOCC 111; TYPE 140; TYPE 141; WP 161

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 7

Program Information: The mission of the Deconstruction Certificate is to prepare students for employment in the deconstruction and building material salvage, reuse and recycling industries. The sequence of online courses combined with in-field experiential learning opportunities serves to educate them in knowledge, skills, and behaviors to entry level positions in construction, deconstruction, or material salvage crews.

Additional Program Info: Applicants will be required to earn a certificate of completion for the Occupational Safety and Health Administration (OSHA) 10-hour Construction Training Course prior to enrollment in DECON 104. Applicants must also earn a certificate for the US Environmental Protection Agency (EPA) Lead-Safe Renovation, Repair and Painting (RRP) prior to completion of the Deconstruction Certificate Program.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Deconstruction

GENERAL COURSES:
- DECON 101 INTRODUCTION TO DECONSTRUCTION 1 CR. HR.
- DECON 102 DECONSTRUCTION METHODS AND MATERIALS 2 CR. HRS.
- DECON 103 PRINCIPLES OF DECONSTRUCTION ASSESSMENT 2 CR. HRS.
- DECON 104 DECONSTRUCTION PROJECT 2 CR. HRS.

Recommended Course Sequence:
1st Semester: DECON 101; DECON 102; DECON 103; DECON 104

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 81.5

Program Information: The mission of the Dental Hygiene program is to prepare professional, ethical, and competent entry level dental hygienists, by facilitating development of knowledge, attainment of skills, enhancement of professional behaviors, and increasing awareness of roles and responsibilities to serve diverse needs of patients within community.

Additional Program Info: Graduates are eligible to take the National Board Dental Hygiene Examination and receive the license to practice dental hygiene. The program is offered in partnership with the Health Careers Department to prepare students to enter the associate in applied science programs.

Admission To the Program: Admission criteria includes: 1) graduation from high school, or equivalent; 2) college placement test scores into READ 115 and ENGL 110; 3) 2 years high school science including chemistry; 4) at least a "C" in each of these high school courses; and 5) completion of a specialized program as defined by the American Dental Association.

Accreditation: The dental hygiene program is accredited by the Commission on Dental Accreditation, a specialized accrediting body of the American Dental Association. Contact information for ADA/CODA 211 East Chicago Ave., Chicago, IL 60611-2678 312-440-2500

Recommended Course Sequence:

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog
Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Diesel Powered Equipment Technology

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- AGBUS 118 AGRICULTURAL COMPUTATIONS 3 CR. HRS.
- DPET 130 PRINCIPLES OF INTERNAL COMBUSTION ENGINES 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**
- DPET 132 ELECTRICAL SYSTEMS OF HEAVY EQUIPMENT 3 CR. HRS.
- DPET 133 ENGINE REBUILDING, THEORY AND PRACTICE 3 CR. HRS.
- DPET 134 AIR CONDITIONING OF HEAVY EQUIPMENT 2 CR. HRS.
- DPET 229 HYDRAULICS 3 CR. HRS.
- DPET 230 HARVESTING EQUIPMENT 2 CR. HRS.
- DPET 231 PLANTING AND TILLAGE EQUIPMENT 2 CR. HRS.
- DPET 232 TRANSMISSIONS AND FINAL DRIVE 3 CR. HRS.
- DPET 233 OCCUPATIONAL INTERNSHIP AND SEMINAR I 4 CR. HRS.
- DPET 234 INTRODUCTION TO DIESEL FUEL SYSTEMS 2 CR. HRS.
- DPET 235 ELECTRONIC CONTROLS/MONITORING SYSTEMS 3 CR. HRS.
- DPET 236 HYDRAULIC SYSTEM ANALYSIS AND REPAIRS 3 CR. HRS.
- DPET 238 OCCUPATIONAL INTERNSHIP AND SEMINAR II 4 CR. HRS.
- DPET 239 POWER TRAIN DIAGNOSTICS 2 CR. HRS.
- DPET 240 SERVICE CENTER MANAGEMENT 1 CR. HR.
- DPET 241 MECHANICAL DIESEL FUEL SYSTEMS 3 CR. HRS.
- DPET 242 ELECTRONIC FUEL SYSTEMS 3 CR. HRS.
- DPET 243 ENGINE PERFORMANCE ANALYSIS 2 CR. HRS.
- DPET 245 TRUCK SUSPENSION, BRAKES AND CHASSIS 3 CR. HRS.
- DPET 246 INDUSTRY QUALIFICATIONS 2 CR. HRS.
- WLDTR 120 WELDING 2 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

**Recommended Course Sequence:**
1st Semester: DPET 132; DPET 133; DPET 229; AGBUS 118; ENGL 110
2nd Semester: DPET 132; DPET 234; DPET 235; DPET 240; WLDTR 120; Communication
Summer Semester 1: DPET 230; DPET 231; DPET 232; DPET 134
3rd Semester: DPET 233; DPET 245; DPET 241; DPET 242; Humanities
4th Semester: DPET 236; DPET 238; DPET 239; DPET 243; DPET 246; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 9

Program Information: The mission of the Digital Imaging Certificate program is to prepare students for employment or upgrade existing job skills in the graphic communications industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of photography, lighting, and image manipulation.

Additional Program Info: The Digital Imaging Certificate is one of four certificates that can be earned while working towards the Digital Publishing Certificate or Graphic Communications Associate in Applied Science degree.

To Remain in and Graduate From the Program: Students enrolled in this certificate must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Graphic Communications
Program Coordinator
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Digital Imaging

PROGRAM COURSES:

- GCOMM 235 DIGITAL PHOTOGRAPHY AND SCANNING FOR PUBLISHING 3 CR. HRS.
- GCOMM 250 BEGINNING ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.
- GCOMM 251 ADVANCED ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.

Recommended Course Sequence: 1st Semester: GCOMM 235; GCOMM 250; GCOMM 251

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 34

Program Information: The mission of the Digital Publishing Certificate program is to prepare students for employment or upgrade existing job skills in the graphic communications industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills for page layout, web page development, packaging, screen printing, and digital publishing workflows.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Graphic Communication and Digital Publishing Program Coordinator
East Peoria Campus
AIT Building
Room 241
(309) 694-5147

Digital Publishing Certificate

PROGRAM COURSES:
- GCOMM 110 INTRODUCTION TO GRAPHIC COMMUNICATIONS 4 CR. HRS.
- GCOMM 112 VECTOR GRAPHICS WITH ADOBE ILLUSTRATOR 3 CR. HRS.
- GCOMM 130 PAGE LAYOUT WITH ADOBE INDESIGN 3 CR. HRS.
- GCOMM 230 ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA 3 CR. HRS.
- GCOMM 235 DIGITAL PHOTOGRAPHY AND SCANNING FOR PUBLISHING 3 CR. HRS.
- GCOMM 245 WEB PUBLISHING WITH ADOBE DREAMWEAVER 3 CR. HRS.
- GCOMM 247 ADVANCE WEB PUBLISHING WITH ADOBE DREAMWEAVER AND FLASH 3 CR. HRS.
- GCOMM 248 MODELING AND ANIMATION WITH AUTODESK MAYA 3 CR. HRS.
- GCOMM 250 BEGINNING ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.
- GCOMM 251 ADVANCED ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.
- GRDSN 143 COMPUTER ILLUSTRATION I 3 CR. HRS.

Recommended Course Sequence:
1st Semester: GCOMM 110; GCOMM 112; GCOMM 130; GCOMM 250; GCOMM 245
2nd Semester: GCOMM 230; GCOMM 235; GCOMM 251; GCOMM 247; GCOMM 248; GRDSN 143

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Program Information: The mission of the Associate in Applied Science Drug and Alcohol Counselor Training degree is to prepare students to work as a professional in the field of drug and alcohol treatment. After completing the curriculum, students can complete the Illinois Alcohol and Other Drug Abuse Professional Certification Association (IAODAPCA) certification exam.

Additional Program Info: In addition to the listed general education requirements, students will be exposed to a variety of issues and counseling skills specific to the needs of the chemically dependent client. This training will provide employment opportunities in a variety of community mental health programs or other Illinois Department of Alcohol and Substance Abuse recognized chemical dependency programs. The core classes listed in this curriculum will also qualify as accepted continuing education credits for those students who are currently certified in pursuit of continuing education specific to the profession of drug and alcohol counseling.

Accreditation: Illinois Alcohol and Other Drug Abuse Professional Certification Association (IAODAPCA) certification exam.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Social Sciences and Public Services Department
Drug and Alcohol Counselor Training Office
North Campus
(309) 690-6898

Student MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 27

Program Information: The mission of the Drug and Alcohol Counselor Training certificate is to prepare students to work as a professional in the field of drug and alcohol treatment. After completing the curriculum, students can complete the Illinois Alcohol and Other Drug Abuse Professional Certification Association (IAODAPCA) certification exam.

Accreditation: Illinois Alcohol and Other Drug Abuse Professional Certification Association (IAODAPCA) certification examination

To Remain in and Graduate From the Program:
Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Drug and Alcohol Counselor Training Office
North Campus
(309) 690-6898

Drug and Alcohol Counselor Training

PROGRAM COURSES:

- DACT 110  FOUNDATIONS I  3 CR. HRS.
- DACT 111  ADDICTION COUNSELING I  3 CR. HRS.
- DACT 112  FOUNDATIONS II  3 CR. HRS.
- DACT 113  ADDICTION COUNSELING II  3 CR. HRS.
- DACT 210  ADDICTION COUNSELING III  3 CR. HRS.
- DACT 211  COUNSELING AND HUMAN CHANGE  3 CR. HRS.
- DACT 212  INTERNSHIP SEMINAR  9 CR. HRS.

Recommended Course Sequence:
1st Semester: DACT 110; DACT 111
2nd Semester: DACT 112; DACT 113
3rd Semester: DACT 210; DACT 211
4th Semester: DACT 212

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 33 to 34

Program Information: The mission of the E-Commerce Certificate program is to prepare students to utilize current technologies in e-commerce site creation in business and industry by providing hands-on instruction and development of a portfolio of work.

Additional Program Info: This certificate program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

Accreditation: Accredited by Webprofessionals.org as a Web Professional Academy

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

E-Commerce

PROGRAM COURSES:
- ACCTG 105  BOOKKEEPING/ACCOUNTING I  4 CR. HRS.
- or ACCTG 120  FINANCIAL ACCOUNTING  4 CR. HRS.
- BUS 110  INTRODUCTION TO BUSINESS  3 CR. HRS.
- CMWEB 110  HTML AND ADVANCED INTERNET  3 CR. HRS.
- CMWEB 115  WRITING FOR THE WWW  3 CR. HRS.
- CMWEB 120  BUILDING WEB PAGES WITH HTML AND CSS  3 CR. HRS.
- CMWEB 130  WEB TECHNOLOGY AND BUSINESS  3 CR. HRS.
- CMWEB 135  BUSINESS USE OF SOCIAL MEDIA  3 CR. HRS.
- CMWEB 140  ELECTRONIC COMMERCE  3 CR. HRS.
- CMWEB 155  WEB USER EXPERIENCE DESIGN  3 CR. HRS.
- CMWEB 270  WEB APPLICATION SECURITY  3 CR. HRS.
- MKTG 112  PRINCIPLES OF MARKETING  3 CR. HRS.

Recommended Course Sequence:
1st Semester: CMWEB 110; CMWEB 115; CMWEB 130; CMWEB 135; BUS 110
2nd Semester: CMWEB 120; CMWEB 140; CMWEB 155; CMWEB 270; ACCTG 105 or ACCTG 120
Summer Semester 1: MKTG 112

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 26

Program Information: The mission of the Electronics Servicing Certificate program is to use lecture and hands-on laboratory experience to prepare students for employment in the electronics field by educating them in the knowledge, skills, and behaviors as an entry-level electronics technician.

Admission To the Program: Applicant for admission to this curriculum should have a marked interest in electronic servicing.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agriculture and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5166

Electronics Servicing

PROGRAM COURSES:
- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.
- ELCTS 134 SERVICE ELECTRONICS - BASIC SOLID STATE 2 CR. HRS.
- ELCTS 136 SERVICE ELECTRONICS - DIGITAL CIRCUITS 2 CR. HRS.
- MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.

ELECTIVE COURSES:
- ELECTIVES* 12 CR. HRS.

* Electives are to be chosen from the following: ELCTS 135, ELCTK 117, 150, 151, 201, 202, 215, 245, 246, or 250.

Recommended Course Sequence:
1st Semester: ELCTS 131; ELCTS 132; MAT 106
2nd Semester: ELCTS 133; ELCTS 134; ELCTS 136
3rd Semester: Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 64 to 68

Program Information: The mission of the Electronics Technology Associate in Applied Science degree program is to prepare students for employment in the electronics field by educating them in the knowledge, skills, and behaviors as an electronics technician.

Admission To the Program: Recommended high school courses include three years of mathematics, including geometry and two years of algebra. Acceptance into this curriculum is subject to department approval based upon high school records and math skills. Students must complete basic skills placement testing before admission into this program.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agriculture and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5526

Electronics Technology

GENERAL COURSES:

- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 7 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:

- CMCS 147 / CMCS 151 FUNDAMENTALS OF VOICE AND DATA CABLING I 4 CR. HRS.
- ELCTK 111 RESIDENTIAL AND COMMERCIAL WIRING 2 CR. HRS.
- ELCTK 112 ELECTRONIC CAD APPLICATIONS I 2 CR. HRS.
- ELCTK 150 INDUSTRIAL ELECTRICITY 4 CR. HRS.
- ELCTK 220 TRANSDUCERS AND ELECTRONIC INSTRUMENTS 4 CR. HRS.
- ELCTK 230 ADVANCED SOLID STATE ELECTRONICS 3 CR. HRS.
- ELCTK 245 MICROPROCESSORS AND MICROCONTROLLERS 4 CR. HRS.
- ELCTK 246 MICROCONTROLLER SYSTEMS AND APPLICATIONS 3 CR. HRS.
- ELCTK 250 ELECTRONIC COMMUNICATIONS 3 CR. HRS.
- ELCTK 255 INDEPENDENT STUDY 1-5 CR. HRS.
- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.
- ELCTS 134 SERVICE ELECTRONICS - BASIC SOLID STATE 2 CR. HRS.
- ELCTS 135 SERVICE ELECTRONICS - ADVANCED SOLID STATE 2 CR. HRS.
- ELCTS 136 SERVICE ELECTRONICS - DIGITAL CIRCUITS 2 CR. HRS.
- MECTK 231 INDUSTRIAL FLUID POWER 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

Recommended Course Sequence:
1st Semester: ELCTS 131; ELCTS 132; ELCTS 133; ELCTK 111; Mathematics; English
2nd Semester: ELCTS 134; ELCTS 135; ELCTS 136; ELCTK 112; ELCTK 150; Laboratory Science
3rd Semester: ELCTK 220; ELCTK 245; ELCTK 250; CMCS 147 or CMCS 151; MECTK 231; Communication
4th Semester: ELCTK 230; ELCTK 246; ELCTK 255; Social Science; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 12

Program Information: The mission of the Emergency Management Certificate is designed for students and first responders in management positions, or who aspire to management positions, who want to enhance their skills to coordinate the community's response to natural and man-made disasters. Persons who serve in this capacity are already employed in law enforcement, fire science, or emergency medical service and work with all other agencies to ensure a timely and effective response to emergency situations.

Additional Program Info: While the program is designed for first responders in management positions or who aspire to management positions, any of the courses can be taken to upgrade skills or can be used as electives in the criminal justice, law enforcement, and fire science programs at Illinois Central College. The courses in this program will generally be offered online in an 8-week format, with one course offered in each 8-week segment, making it possible for participants to complete the certificate program in two semesters.

Contact Information:
Social Sciences and Public Services Department
North Campus
Cedar Hall
Room C53
(309) 690-6833

Emergency Management

PROGRAM COURSES:
- CRJ 113 INTRODUCTION TO HOMELAND SECURITY 3 CR. HRS.
- CRJ 122 UNDERSTANDING TERRORISM 3 CR. HRS.
- CRJ 282 SECURITY MANAGEMENT 3 CR. HRS.
- CRJ 283 EMERGENCY MANAGEMENT 3 CR. HRS.

Recommended Course Sequence:
1st Semester: CRJ 113; CRJ 122
2nd Semester: CRJ 282; CRJ 283

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 7

Program Information: The mission of the Emergency Medical Technician certificate program is to prepare graduates for licensure/certification and employment as an EMT by providing theoretical knowledge, practicing technical skills, simulation, and field practicums, and enhancing professional behaviors.

Accreditation: Illinois Department of Public Health

Program/Courses:

**PROGRAM COURSES:**

- EMT 110  EMERGENCY MEDICAL TECHNICIAN - BASIC I  3 CR. HRS.
- EMT 111  EMERGENCY MEDICAL TECHNICIAN - BASIC II  3 CR. HRS.
- EMT 120  EMERGENCY MEDICAL TECHNICIAN - BASIC PRACTICUM  1 CR. HR.

**ENHANCED COURSES:**

- EMT 210  EMERGENCY MEDICAL TECHNICIAN - * INTERMEDIATE I  6 CR. HRS.
- EMT 215  EMERGENCY MEDICAL TECHNICIAN - * INTERMEDIATE II  3 CR. HRS.
- EMT 220  EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE PRACTICUM*  3 CR. HRS.

* Students meeting class requirements may enroll in these enhanced EMT courses.

Recommended Course Sequence:

1st Semester: EMT 110; EMT 111
2nd Semester: EMT 120; EMT 210
Summer Semester 1: EMT 215
3rd Semester: EMT 220

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 60

Program Information: The mission of the Associate in Applied Science Finance program is to prepare students for employment in financial institutions, government, and other positions that relate to financial matters, by educating them in the knowledge and skills concerning personal or private finance. This program is also ideal for those wishing to upgrade their skills for possible promotion or for an increase or change in job responsibilities. The program is not designed for college transfer, although some individual courses and/or the program may transfer with approval from four-year institutions.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Finance

GENERAL COURSES:
- ENGL 110 COMPOSITION I
- or ENGL 125 BUSINESS COMMUNICATIONS 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 105 SURVEY OF ECONOMIC PRINCIPLES
- or ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- ACCTG 121 MANAGERIAL ACCOUNTING 4 CR. HRS.
- BANK 120 MONEY AND BANKING 3 CR. HRS.
- BANK 125 ANALYZING FINANCIAL STATEMENTS 3 CR. HRS.
- BUS 121 PRINCIPLES OF CUSTOMER SERVICE 3 CR. HRS.
- BUS 200 HUMAN RELATIONS IN BUSINESS 3 CR. HRS.
- BUS 220 INTRODUCTION TO BUSINESS FINANCE 3 CR. HRS.
- BUS 230 PRINCIPLES OF INVESTMENTS 3 CR. HRS.
- or BUS 260 FINANCE INTERNSHIP 3 CR. HRS.
- BUS 240 PERSONAL FINANCE 3 CR. HRS.
- CMGEN 120 COMPUTER APPLICATIONS
- or CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.
- MKTG 112 PRINCIPLES OF MARKETING 3 CR. HRS.
- MKTG 201 SALES 3 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.

* See specific requirements for the Associate in Applied Science degree.

Recommended Course Sequence:
1st Semester: ENGL 110 or ENGL 125; BUS 120; ACCTG 120; Laboratory Science
2nd Semester: BUS 215; BUS 220; MKTG 201; ACCTG 121
3rd Semester: BANK 125; BUS 220; ECON 105 or ECON 110; BUS 121; BUS 240
4th Semester: BANK 120; MKTG 112; BUS 230 or BUS 260; CMGEN 120 or CMPSC 120; COMM 110

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 60 to 66

Program Information: The mission of the Associate in Applied Science Fire Science Technology program is for current employees as well as students who are interested in careers in the fire services, inspections, investigation, or fire protection engineering.

Additional Program Info: The comprehensive program delivers information in fire prevention, suppression and loss control delivered to active fire fighters in government or industry (paid or volunteer).

Admission To the Program: Students must complete basic skills placement testing before admission into this program. Students with no previous fire service are required to attend the internship session.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Social Sciences and Public Services Department
North Campus
(309) 690-6863

Fire Science Technology

GENERAL COURSES:

- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- MATHMATICS* 3-5 CR. HRS.
- LABORATORY SCIENCE** 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:

- FRSTK 110 INTRODUCTION TO FIRE SCIENCE 3 CR. HRS.
- FRSTK 114 FIREFIGHTING TACTICS AND STRATEGY 3 CR. HRS.
- FRSTK 190 LEGAL ISSUES IN THE FIRE SERVICE 3 CR. HRS.
- FRSTK 201 INTERNSHIP, FIRE SERVICE or APPROVED ELECTIVE 3 CR. HRS.
- FRSTK 227 CHEMISTRY OF FLAMMABLE HAZARDOUS MATERIALS or FRSTK 228 CHEMISTRY OF EXPLOSIVE AND TOXIC MATERIALS 3 CR. HRS.
- FRSTK 230 FIRE SERVICE HYDRAULICS 3 CR. HRS.
- FRSTK 250 FIRE SERVICE MANAGEMENT I 3 CR. HRS.

ELECTIVE COURSES:

- APPROVED ELECTIVES 3-6 CR. HRS.
- HEALTH ELECTIVE**** 2-3 CR. HRS.
- APPROVED FIRE SCIENCE ELECTIVES*** 15 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** PHYSC 110 recommended
**** HLTH 120, 125, or EMT 110, 125

Recommended Course Sequence:
1st Semester: FRSTK 110; ENGL 110; Health Elective; Mathematics
2nd Semester: FRSTK 227 or FRSTK 228; COMM 110; Laboratory Science; Approved Fire Science; Approved Fire Science
Summer Semester 1: FRSTK 201 or Approved Elective
3rd Semester: FRSTK 114; FRSTK 230; PSY 110; Approved Fire Science; Approved Fire Science; FRSTK 190
4th Semester: FRSTK 250; Humanities; Approved Fire Science Electives; Approved Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 30

Program Information: The mission of the Fire Science Technology certificate program is for current employees as well as students who are interested in careers in the fire services, inspections, investigation, or fire protection engineering.

Admission To the Program: Students must complete basic skills placement testing before admission into this program. Students with no previous fire service are required to attend the internship session.

To Remain in and Graduate From the Program: Students enrolled in the Fire Science certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Social Sciences and Public Services
North Campus
(309) 690-6863

Fire Science Technology

PROGRAM COURSES:

- EMT 110 EMERGENCY MEDICAL TECHNICIAN - BASIC I 3 CR. HRS.
- FRSTK 110 INTRODUCTION TO FIRE SCIENCE 3 CR. HRS.
- FRSTK 111 BASIC INSTRUCTOR TRAINING FOR THE FIRE SERVICE 3 CR. HRS.
- FRSTK 112 FIRE PREVENTION AND LEGAL ASPECTS OF FIRE PROTECTION 3 CR. HRS.
- FRSTK 114 FIREFIGHTING TACTICS AND STRATEGY 3 CR. HRS.
- FRSTK 190 LEGAL ISSUES IN THE FIRE SERVICE 3 CR. HRS.
- FRSTK 201 INTERNSHIP, FIRE SERVICE FRSTK ELECTIVE* 3 CR. HRS.
- FRSTK 227 CHEMISTRY OF FLAMMABLE HAZARDOUS MATERIALS 3 CR. HRS.
- FRSTK 230 FIRE SERVICE HYDRAULICS 3 CR. HRS.
- FRSTK 250 FIRE SERVICE MANAGEMENT I 3 CR. HRS.

* Select elective from any FRSTK course or EMT 111.

Recommended Course Sequence:
1st Semester: FRSTK 110; FRSTK 112; FRSTK 114; FRSTK 190; FRSTK 230
2nd Semester: FRSTK 111; FRSTK 201 or FRSTK Elective; FRSTK 227; FRSTK 250; EMT 110

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 69

Program Information: The mission of the General Motors Automotive Service Education Program (GM ASEP) Associate in Applied Science degree program is to prepare students for employment in the automotive repair industry by educating them in the fundamental concepts, knowledge, hands-on techniques and forward thinking skills to serve as the next generation of automotive technicians.

Additional Program Info: Students completing the program will meet approximately 80 percent of GM Service Training Standards. The program involves attending classroom lectures and participating in laboratory activities using General Motors products at Illinois Central College. In addition, the student will intern at a General Motors dealership or an AC Delco Professional Service Center four times. Upon graduation, the student will be prepared to assume a position as an entry-level dealer service technician in a General Motors dealership. During the course of study the students are encouraged to take the National Institute for Automotive Service Excellence (ASE) exams, an evaluation program that qualifies the student as a technician. Students must provide their own tools for use throughout the course of study.

Accreditation: Automotive Service Excellence (ASE) certified program.

To Remain in and Graduate From the Program: Students must meet with an academic advisor prior to being accepted into the program. Their assigned academic advisor will plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5583

General Motors Automotive Service Educational Program (GM-ASEP)

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- AGBUS 118 AGRICULTURAL COMPUTATIONS 3 CR. HRS.
- ASEP 221 INTERNAL COMBUSTION ENGINES 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ASEP 112 INTRODUCTION TO GM-ASEP 2 CR. HRS.
- ASEP 115 ELECTRICAL SYSTEMS I 3 CR. HRS.
- ASEP 117 AUTOMOTIVE SUSPENSION, STEERING AND ALIGNMENT 3 CR. HRS.
- ASEP 125 ELECTRICAL SYSTEMS II 3 CR. HRS.
- ASEP 129 AUTOMOTIVE BRAKE SYSTEMS 3 CR. HRS.
- ASEP 132 AUTOMOTIVE HVAC 3 CR. HRS.
- ASEP 133 ENGINE PERFORMANCE I 3 CR. HRS.
- ASEP 137 MANUAL DRIVETRAINS 3 CR. HRS.
- ASEP 150 INTERNSHIP 4 CR. HRS.
- ASEP 151 INTERNSHIP 4 CR. HRS.
- ASEP 210 ENGINE PERFORMANCE II 2 CR. HRS.
- ASEP 215 ELECTRICAL SYSTEMS III 3 CR. HRS.
- ASEP 217 AUTOMATIC TRANSMISSIONS 3 CR. HRS.
- ASEP 229 EMISSIONS AND DRIVABILITY 3 CR. HRS.
- ASEP 250 INTERNSHIP 4 CR. HRS.
- ASEP 251 INTERNSHIP 4 CR. HRS.

* See specific requirements for Associate in Applied Science degree.

Recommended Course Sequence:
1st Semester: ASEP 112; ASEP 115; ASEP 117; ENGL 110; ASEP 150
2nd Semester: ASEP 125; ASEP 129; ASEP 151; Mathematics
Summer Semester 1: ASEP 132; ASEP 133; ASEP 137; Humanities
3rd Semester: ASEP 210; ASEP 215; ASEP 217; ASEP 201; ASEP 250; AGBUS 118
4th Semester: ASEP 221; ASEP 229; Communications; ASEP 251; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 61

Program Information: The mission of the Graphic Communications Associate in Applied Science degree program is to prepare students for employment in the graphic communications industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills for page layout, web page development, packaging, screen printing, and digital publishing workflows.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Graphic Communication and Digital Publishing Program Coordinator
East Peoria Campus
AIT Building
Room 241
(309) 694-5147

Graphic Communications

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- GCOMM 110 INTRODUCTION TO GRAPHIC COMMUNICATIONS 4 CR. HRS.
- GCOMM 112 VECTOR GRAPHICS WITH ADOBE ILLUSTRATOR 3 CR. HRS.
- GCOMM 130 PAGE LAYOUT WITH ADOBE INDESIGN 3 CR. HRS.
- GCOMM 140 PRINTING METHODS 4 CR. HRS.
- GCOMM 150 PRODUCTION TECHNIQUES AND PROCESSES 3 CR. HRS.
- GCOMM 230 ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA 3 CR. HRS.
- GCOMM 235 DIGITAL PHOTOGRAPHY AND SCANNING FOR PUBLISHING 3 CR. HRS.
- GCOMM 245 WEB PUBLISHING WITH ADOBE DREAMWEAVER 3 CR. HRS.
- GCOMM 247 ADVANCE WEB PUBLISHING WITH ADOBE DREAMWEAVER AND FLASH 3 CR. HRS.
- GCOMM 250 BEGINNING ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.
- GCOMM 251 ADVANCED ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.
- GRDSN 140 GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 142 TYPOGRAPHY 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVE 1 CR. HR.

* See specific requirements for Associate in Applied Science Degree.

Recommended Course Sequence:
1st Semester: GCOMM 110; GCOMM 112; GCOMM 130; GCOMM 235; GCOMM 250
2nd Semester: GCOMM 140; GCOMM 150; GCOMM 230; GCOMM 251; ENGL 110
3rd Semester: GCOMM 245; GRDSN 140; COMM 110; PSY 110; Mathematics; Approved Elective
4th Semester: GCOMM 247; GRDSN 142; Laboratory Science; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Graphic Design

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3-4 CR. HRS.
- ART 151 ART HISTORY II 3 CR. HRS.

**PROGRAM COURSES:**
- ART 111 2D DESIGN 3 CR. HRS.
- ART 120 DRAWING I 3 CR. HRS.
- GRDSN 140 GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 141 INTRODUCTION TO ILLUSTRATION 3 CR. HRS.
- GRDSN 142 TYPOGRAPHY 3 CR. HRS.
- GRDSN 143 COMPUTER ILLUSTRATION I 3 CR. HRS.
- GRDSN 150 GRAPHIC DESIGN II 3 CR. HRS.
- GRDSN 240 ADVANCED GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 241 ADVANCED GRAPHIC DESIGN II 3 CR. HRS.
- GCOMM 110 INTRODUCTION TO GRAPHIC COMMUNICATIONS 4 CR. HRS.
- GCOMM 130 PAGE LAYOUT WITH ADOBE INDESIGN 3 CR. HRS.
- GCOMM 230 ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA 3 CR. HRS.
- MM 140 MULTIMEDIA PRODUCTION I 3 CR. HRS.
- MM 142 DIGITAL PHOTOGRAPHY 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

**Recommended Course Sequence:**
1st Semester: ART 111; COMM 110; GRDSN 140; GRDSN 143; Mathematics
2nd Semester: GRDSN 140; GRDSN 142; Laboratory Science; ART 120; ENGL 110
3rd Semester: GRDSN 141; GRDSN 240; GCOMM 110; GCOMM 130
4th Semester: GRDSN 241; GCOMM 230; Social Science; MM 140; MM 142; ART 151

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 30

Program Information: The graphic design certificate is designed for individuals who are interested in quickly acquiring entry-level graphic design related skills. This twelve-month program targets people who already have a college degree and wish to change fields, displaced workers who need re-training in a new discipline, and individuals whose educational goals do not include a college degree. Students will learn concept-development, gain basic technical proficiency with industry standard software and hardware, and develop production skills. Students completing this certificate will develop a creative portfolio, as is expected by employers.

To Remain in and Graduate From the Program:
Students enrolled in the Graphic Design certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Graphic Design

PROGRAM COURSES:
- GRDSN 140 GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 142 TYPOGRAPHY 3 CR. HRS.
- GRDSN 143 COMPUTER ILLUSTRATION I 3 CR. HRS.
- GRDSN 150 GRAPHIC DESIGN II 3 CR. HRS.
- GRDSN 240 ADVANCED GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 241 ADVANCED GRAPHIC DESIGN II 3 CR. HRS.
- MM 140 MULTIMEDIA PRODUCTION I 3 CR. HRS.
- MM 142 DIGITAL PHOTOGRAPHY 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES 6 CR. HRS.

Recommended Course Sequence:
Previous Semester (for pre-program courses): GRDSN 140; MM 140
1st Semester: GRDSN 142; GRDSN 143; GRDSN 150; Approved Elective
2nd Semester: GRDSN 240; GRDSN 241; MM 142; Approved Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 62

Program Information: The mission of the Green Building Environment Associate in Applied Science degree program is to provide the student with the knowledge to work in the energy areas, the built environment, building management, and other jobs yet to be defined. The student will learn about the evolving and developing sustainability and green areas and how to become better stewards of the environment. After completing this program, graduates will be able to work as entry-level weatherization technicians, energy auditors, and indoor air quality technicians in residential and commercial buildings.

Additional Program Info: Previous experience in energy areas is not required to enter the program. Students need to have basic computer skills using Microsoft Word, Excel, and Powerpoint and must complete basic skills placement testing before admission into this program.

Admission To the Program: 1 year of high school algebra or MAT 094 with a grade of "C" or better

To Remain in and Graduate From the Program: Student must attain a grade of "C" or better to remain in and graduate from the program.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
Dirksen Hall
Room 9
(309) 694-8566

Green Building Environment

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 125 BUSINESS COMMUNICATIONS 3 CR. HRS.
- Comm 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE** 3 CR. HRS.
- MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.
- PHYSC 110 ENERGY AND ENVIRONMENT 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ARCTK 119 BLUEPRINT READING - CONSTRUCTION 1 CR. HR.
- ARCTK 228 CONSTRUCTION MANAGEMENT 3 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- BUS 200 HUMAN RELATIONS IN BUSINESS 3 CR. HRS.
- CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.
- GRBCR 150 BUILDING ENVELOPE EVALUATION 3 CR. HRS.
- GRBE 110 INTRODUCTION TO GREEN BUILDING NEEDS 3 CR. HRS.
- GRBE 120 BUILDING ENERGY ANALYSIS 3 CR. HRS.
- GRBE 130 CENTRAL HEATING AND COOLING PLANT 3 CR. HRS.
- GRBE 140 INDOOR AIR QUALITY AND GREEN BUILDINGS 4 CR. HRS.
- GRBE 150 GREEN BUILDING ENVIRONMENTAL PROJECTS 3 CR. HRS.
- MGMT 113 PRINCIPLES OF MANAGEMENT 3 CR. HRS.
- REACT 110 REFRIGERATION I 4 CR. HRS.
- REACT 111 AIR CONDITIONING SYSTEMS I 3 CR. HRS.

* Recommended Humanities: HUMAN 124
** Recommended Social Science ECON 110; PSY 110; HIST 201

Recommended Course Sequence:
1st Semester: REACT 110; REACT 111; MAT 106; ENGL 110; BUS 110
2nd Semester: GRBE 110; GRBE 120; PHYSC 110; ARCTK 119; Social Science
Summer Semester 1: Humanities
3rd Semester: GRBCR 150; CMPSC 120; GRBE 130; GRBE 140
4th Semester: GRBE 150; BUS 200; MGMT 113; ARCTK 228; ENGL 125

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 36

Program Information: The mission of the Green Building Environment Certificate program is to provide the student with the knowledge and skills necessary to work in the energy areas with the primary focus on residential construction. The student will learn about the continuously evolving sustainability and green industries and how to become better stewards of the environment. After completing this program, graduates will be able to work as an entry-level weatherization technicians and residential energy auditors.

Additional Program Info: Previous experience in energy areas is not required to enter the program. Students need to have basic computer skills using Microsoft Word, Excel, and Powerpoint and must complete basic skills placement testing before admission into this program.

Admission To the Program: A completion of MAT 098 with a grade of "C" or better or equivalent placement score.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
Dirksen Hall
Room 19
(309) 694-5293

Green Building Environment

PROGRAM COURSES:
- ARCTK 119 BLUEPRINT READING - CONSTRUCTION 1 CR. HR.
- ARCTK 227 ENVIRONMENTAL SYSTEMS OF BUILDINGS 3 CR. HRS.
- ARCTK 228 CONSTRUCTION MANAGEMENT 3 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.
- GRBE 110 INTRODUCTION TO GREEN BUILDING NEEDS 3 CR. HRS.
- GRBE 120 BUILDING ENERGY ANALYSIS 3 CR. HRS.
- GRBE 130 CENTRAL HEATING AND COOLING PLANT 3 CR. HRS.
- GRBE 140 INDOOR AIR QUALITY AND GREEN BUILDINGS 4 CR. HRS.
- GRBE 150 GREEN BUILDING ENVIRONMENTAL PROJECTS 3 CR. HRS.
- REACT 110 REFRIGERATION I 4 CR. HRS.
- REACT 111 AIR CONDITIONING SYSTEMS I 3 CR. HRS.

Recommended Course Sequence:
1st Semester: REACT 110; REACT 111; ARCTK 119; BUS 110
2nd Semester: GRBE 110; GRBE 120
3rd Semester: ARCTK 227; GRBE 130; CMPSC 120
4th Semester: GRBE 140; GRBE 150; ARCTK 228

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Horticulture Landscape Management

**GENERAL COURSES:**
- ENGL 110  COMPOSITION I  3 CR. HRS.
- COMM 110  COMMUNICATION**  3 CR. HRS.
- HUMANITIES*  3 CR. HRS.
- AGRI 112  BASIC SOILS  4 CR. HRS.

**PROGRAM COURSES:**
- AGRI 113  PRINCIPLES OF SOIL FERTILITY  3 CR. HRS.
- HORT 110  INTRODUCTION TO HORTICULTURAL PLANTS  4 CR. HRS.
- HORT 114  TURF MANAGEMENT I  3 CR. HRS.
- HORT 124  LANDSCAPE CONSTRUCTION  3 CR. HRS.
- HORT 125  LANDSCAPE PLANTS I  3 CR. HRS.
- HORT 126  HORTICULTURAL PLANT PRUNING  2 CR. HRS.
- HORT 130  LANDSCAPE PLANTS II  3 CR. HRS.
- HORT 132  PLANT DISEASES AND INSECTS AND THEIR CONTROL  3 CR. HRS.
- HORT 213  LANDSCAPE LAYOUT AND DESIGN  3 CR. HRS.
- HORT 226  OCCUPATIONAL INTERNSHIP AND SEMINAR  5 CR. HRS.
- HORT 229  HORTICULTURE BUSINESS MANAGEMENT  3 CR. HRS.
- HORT 237  GARDEN FLOWERS  3 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES****  5-7 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** COMM 110, 113 or 3 additional hours in composition courses numbered 111 or above, such as ENGL 111, 116 or 125
*** AGBUS 118; MAT 106, MATH 110 or higher based upon Math Placement Test
**** Recommended Electives: HORT 134, 210, 214, 216, 218, 219, 238, 241, 245, 255; AGBUS 115

Recommended Course Sequence:
1st Semester: ENGL 110; Mathematics; AGRI 112; HORT 110; HORT 114
2nd Semester: Communication; Social Science; AGRI 113; HORT 124; HORT 125; HORT 126
Summer Semester 1: HORT 130; HORT 132
3rd Semester: Humanities; HORT 213; HORT 237; Approved Electives
4th Semester: HORT 226; HORT 229; Approved Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 29 to 30

Program Information: The mission of the Horticulture-Landscaping certificate program is to prepare students for employment or the pursuit of a Horticulture Landscape Management Associate in Applied Science degree in the landscaping industry by educating them in the fundamental concepts, knowledge, and hands-on techniques, and skills of the landscape industry.

Additional Program Info: Students may apply credit earned toward the Horticulture Landscape Management Associate in Applied Science degree program. With this certificate, students may find employment in landscaping firms; grounds management firms; lawn care firms; nurseries.

To Remain in and Graduate From the Program: Students enrolled in this certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technology Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5415

Horticulture - Landscaping

PROGRAM COURSES:
- AGBUS 118 AGRICULTURAL COMPUTATIONS* 3 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- HORT 110 INTRODUCTION TO HORTICULTURAL PLANTS 4 CR. HRS.
- HORT 114 TURF MANAGEMENT I 3 CR. HRS.
- HORT 125 LANDSCAPE PLANTS I 3 CR. HRS.
- HORT 126 HORTICULTURAL PLANT PRUNING 2 CR. HRS.
- HORT 130 LANDSCAPE PLANTS II 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES** 8-9 CR. HRS.

* Math requirement may be waived if competence is shown.
** Approved electives: AGRI 112, HORT 124, 132, 210, 213, 214, 255

Recommended Course Sequence:
1st Semester: AGBUS 118; HORT 110; HORT 114; Electives
2nd Semester: AGRI 113; HORT 125; HORT 126; Electives
Summer Semester 1: HORT 130; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog
Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Horticulture Turfgrass Management

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMMUNICATION** 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS*** 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- HORT 110 INTRODUCTION TO HORTICULTURAL PLANTS 4 CR. HRS.
- HORT 114 TURF MANAGEMENT I 3 CR. HRS.
- HORT 124 LANDSCAPE CONSTRUCTION 3 CR. HRS.
- HORT 125 LANDSCAPE PLANTS I 3 CR. HRS.
- HORT 126 HORTICULTURAL PLANT PRUNING 2 CR. HRS.
- HORT 130 LANDSCAPE PLANTS II 3 CR. HRS.
- HORT 132 PLANT DISEASES AND INSECTS AND THEIR CONTROL 3 CR. HRS.
- HORT 213 LANDSCAPE LAYOUT AND DESIGN 3 CR. HRS.
- HORT 226 OCCUPATIONAL INTERNSHIP AND SEMINAR 5 CR. HRS.
- HORT 229 HORTICULTURE BUSINESS MANAGEMENT 3 CR. HRS.
- HORT 235 ADVANCED TURF MANAGEMENT 3 CR. HRS.
- HORT 237 GARDEN FLOWERS 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES**** 2-4 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** COMM 110, 113 or 3 additional hours in composition courses numbered 111 or above, such as ENGL 111, 116 or 125
*** AGBUS 118; MAT 106, MATH 110 or higher based upon Math Placement Test
**** Recommended Electives: HORT 214, 216, 218, 255; AGBUS 115

Recommended Course Sequence:
1st Semester: ENGL 110; Mathematics AGRI 112; HORT 110; HORT 114
2nd Semester: Communication; AGRI 113; HORT 124; HORT 125; HORT 126
Summer Semester 1: HORT 130; HORT 132
3rd Semester: Humanities; HORT 213; HORT 237; Approved Electives
4th Semester: Social Science; HORT 226; HORT 229; HORT 235; Approved Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 28

Program Information: The mission of the Horticulture-Turfgrass Operations certificate program is to prepare students for employment or for the pursuit of a Horticulture Turfgrass Management Associate in Applied Science degree in the turfgrass industry by educating them in the fundamental concepts, knowledge, hands-on techniques, and skills of the turfgrass industry.

Additional Program Info: Students may apply credits earned toward the Horticulture-Turfgrass Management Associate in Applied Science degree program. With this certificate, students may find employment in: turf management firms; parks; businesses and corporations; lawn care firms; golf courses; outdoor sports arenas.

To Remain in and Graduate From the Program: Students enrolled in this certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information: Agricultural and Industrial Technologies Department East Peoria Campus AIT Building Room 118 (309) 694-5415

Horticulture - Turfgrass Operations

PROGRAM COURSES:
- AGBUS 118 AGRICULTURAL COMPUTATIONS* 3 CR. HRS.
- AGRI 112 BASIC SOILS 4 CR. HRS.
- AGRI 113 PRINCIPLES OF SOIL FERTILITY 3 CR. HRS.
- HORT 110 INTRODUCTION TO HORTICULTURAL PLANTS 4 CR. HRS.
- HORT 114 TURF MANAGEMENT I 3 CR. HRS.
- HORT 126 HORTICULTURAL PLANT PRUNING 2 CR. HRS.
- HORT 132 PLANT DISEASES AND INSECTS AND THEIR CONTROL 3 CR. HRS.
- HORT 214 HORTICULTURAL MECHANICS 3 CR. HRS.
- HORT 235 ADVANCED TURF MANAGEMENT 3 CR. HRS.

*Mathematics requirement may be waived if competence is shown.

Recommended Course Sequence:
1st Semester: AGBUS 118; HORT 110; HORT 114
2nd Semester: AGRI 113; HORT 126; HORT 235
Summer Semester 1: HORT 132
3rd Semester: HORT 214; AGRI 112

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
## Associate in Applied Science

**Total Credit Hours:** 65

**Program Information:** The mission of the Associate in Applied Science Human Services degree is to provide an educational foundation that addresses the attitudes/values, skills, and knowledge which are essential for the personal growth of each student to become an effective human services worker.

**Admission To the Program:** Must be a high school graduate or equivalent and complete the COMPASS Placement Test (contact ICC Testing Office, 694-5234)

**To Remain in and Graduate From the Program:**
Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

**Contact Information:**
Human Services Program Coordinator
North Campus
(309) 690-6891

## Human Services - Child Development

### GENERAL COURSES:
- LABORATORY SCIENCE* 4 CR. HRS.
- MATHEMATICS** 3 CR. HRS.
- CHILD 231 LITERATURE FOR CHILDREN*** 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

### PROGRAM COURSES:
- CHILD 110 INTRODUCTION TO CHILD DEVELOPMENT*** 3 CR. HRS.
- CHILD 120 HUMAN GROWTH AND DEVELOPMENT*** 3 CR. HRS.
- CHILD 130 INTRODUCTION TO CREATIVE ACTIVITIES*** 3 CR. HRS.
- CHILD 132 INFANT-TODDLER DEVELOPMENT*** 3 CR. HRS.
- CHILD 140 CHILD, FAMILY, AND COMMUNITY*** 3 CR. HRS.
- CHILD 200 EARLY CHILDHOOD SPECIAL EDUCATION*** 3 CR. HRS.
- CHILD 230 PROGRAM PLANNING*** 3 CR. HRS.
- CHILD 240 CHILD DEVELOPMENT EXPERIENCES*** 4 CR. HRS.
- CHILD 241 CHILD DEVELOPMENT EXPERIENCES*** 6 CR. HRS.
- FCS 111 EARLY CHILDHOOD NUTRITION EDUCATION 3 CR. HRS.
- HUMSV 110 INTRODUCTION TO HUMAN SERVICES 3 CR. HRS.
- HUMSV 111 HUMAN SERVICES APPLICATIONS I 3 CR. HRS.
- HUMSV 200 HUMAN SERVICES APPLICATIONS II 3 CR. HRS.

* Course depends on placement test scores  
** Course selection depends upon placement test scores; MAT 102 or higher will be accepted for graduation  
*** Students must attain a grade of "C" or better in each CHILD course to be retained in and graduate from the program.

**Recommended Course Sequence:**
1st Semester: ENGL 110; HUMSV 110; PSY 110; CHILD 110; CHILD 120  
2nd Semester: Mathematics; CHILD 130; CHILD 132; HUMSV 111; COMM 110  
3rd Semester: CHILD 140; CHILD 200; HUMSV 200; SOC 110; FCS 111; CHILD 240  
4th Semester: CHILD 230; CHILD 231; Laboratory Science; CHILD 241

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students **MUST** meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 24

Program Information: This certificate program of study is for prospective and post degree direct service providers to gain information and skills necessary to work at community agencies and programs that serve families and youth who are experiencing disruption, change, and stress in their lives. Graduates can be employed as family program assistants, case managers, or family services aides.

Admission To the Program: High school graduate or equivalent; completion of COMPASS placement tests

To Remain in and Graduate From the Program:
Students enrolled in this certificate program must meet with their assigned academic advisor to plan a specific course schedule. Students must attain a "C" or better in each required course to be retained and graduate from the program.

Contact Information:
Human Services Program Coordinator
North Campus
(309) 690-6891

Human Services - Family/Youth Services

PROGRAM COURSES:
- HUMSV 110 INTRODUCTION TO HUMAN SERVICES 3 CR. HRS.
- HUMSV 124 FAMILY SYSTEMS IN THE HUMAN SERVICES 3 CR. HRS.
- HUMSV 127 COMMUNITY RESOURCES AND ENTITLEMENT PROGRAMS 1 CR. HR.
- HUMSV 150 HUMAN SERVICE TOPICS* 1-3 CR. HRS.
- HUMSV 151 CRISIS AND SUICIDE INTERVENTION 3 CR. HRS.
- HUMSV 152 CHILD WELFARE SYSTEM 1 CR. HR.
- HUMSV 213 ISSUES IN ABUSE 3 CR. HRS.
- SSC 115 LEADERSHIP AND COMMUNITY SERVICE 2 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES** 6 CR. HRS.

* A minimum of 2 each is required.
** Consultation with the Human Services Academic Advisor is strongly recommended.

Recommended Course Sequence:
1st Semester: HUMSV 110; HUMSV 124; Approved Electives; HUMSV 152
2nd Semester: HUMSV 151; HUMSV 213; SSC 115 HUMSV 150; HUMSV 127

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science
Total Credit Hours: 62 to 63

Program Information: The mission of the Associate in Applied Science Human Services program is to provide an educational foundation that addresses the attitudes/values, skills, and knowledge which are essential for the personal growth of each student to become an effective human services worker.

Admission To the Program: Must be a high school graduate or equivalent and complete the COMPASS Placement Test (contact ICC Testing Office, 694-5234)

To Remain in and Graduate From the Program: Human Service students pursuing the Associate in Applied Science Generalist degree must meet with the Human Service Program advisor to select elective courses which will prepare them for their career goals. Students may be dismissed from the program if there is a failure to meet one or more of the following standards: 1. maintaining at least a 2.0 GPA in all course work, 2. maintaining high integrity; personal responsibility; and satisfactory demonstration of skills and abilities prerequisite to the ethical delivery of services in the field; maintaining professional standards at all times representing Illinois Central College following the National Organization of Human Services Code of Ethics. 3. minimal absences in all course work. 4. completion of prior Human Services course work does not guarantee permission to take the internship course and to graduate from the program. 5. successful, timely completion of internship. 6. felony convictions may prevent a student from successfully obtaining employment in the human services field.

Contact Information:
Human Services Program Coordinator
North Campus
(309) 690-6891

Human Services - Generalist

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- PSY 110 LABORATORY SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ENGL 111 COMPOSITION II 3 CR. HRS.
- HUMSV 110 INTRODUCTION TO HUMAN SERVICES 3 CR. HRS.
- HUMSV 111 HUMAN SERVICES APPLICATIONS I 3 CR. HRS.
- HUMSV 124 FAMILY SYSTEMS IN THE HUMAN SERVICES 3 CR. HRS.
- SOC 120 MARRIAGE AND THE FAMILY 3 CR. HRS.
- HUMSV 125 CULTURAL COMPETENCE IN THE HUMAN SERVICES 3 CR. HRS.
- SOCI 219 THE SOCIETY OF RACE AND ETHNICITY IN AMERICA 3 CR. HRS.
- HUMSV 127 COMMUNITY RESOURCES AND ENTITLEMENT PROGRAMS 1 CR. HR.
- HUMSV 128 COMMUNITY RESOURCES AND ENTITLEMENT PROGRAMS 1 CR. HR.
- HUMSV 150 HUMAN SERVICE TOPICS** 1-3 CR. HRS.
- HUMSV 151 CRISIS AND SUICIDE INTERVENTION 3 CR. HRS.
- HUMSV 155 SOCIAL CLASS AND THE HELPING PROFESSIONS 3 CR. HRS.
- HUMSV 200 HUMAN SERVICES APPLICATIONS II 3 CR. HRS.
- HUMSV 213 ISSUES IN ABUSE 3 CR. HRS.
- HUMSV 250 HUMAN SERVICE INTERNshiP 2 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.
- SSC 115 LEADERSHIP AND COMMUNITY SERVICE 2 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES*** 6 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Must complete at least 2 credit hours of HUMSV 150
*** Consult with Program Advisor for approved CHILD, CRJ, HUMSV, PSY, SOC courses.

Recommended Course Sequence:
1st Semester: HUMSV 110; PSY 110; Humanities; ENGL 110; HUMSV 151
2nd Semester: COMM 110; SOC 110; Mathematics; ENGL 111; HUMSV 125 or SOC 219
Summer Semester 1: HUMSV 213; SSC 115
3rd Semester: Laboratory Science; HUMSV 155; HUMSV 111; HUMSV 200; HUMSV 124 or SOC 120
4th Semester: HUMSV 250; HUMSV 127; HUMSV 150; Approved Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
### Associate in Applied Science

**Total Credit Hours:** 63 to 64

**Program Information:** The mission of the Associate in Applied Science Human Services program is to provide an educational foundation that addresses the attitudes/values, skills, and knowledge which are essential for the personal growth of each student to become an effective human services worker.

**Admission To the Program:** Must be a high school graduate or equivalent and complete the COMPASS Placement Test (contact ICC Testing Office, 694-5234)

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

**Contact Information:**
Human Services Program Coordinator  
North Campus  
(309) 690-6891

---

### Human Services - Mental Health Services

#### GENERAL COURSES:
- **ENGLISH**
- **COMM 110** COMMUNICATION: PROCESS AND PRACTICE  
- **PSY 110** INTRODUCTION TO PSYCHOLOGY  
- **LABORATORY SCIENCE**
- **MATHEMATICS**
- **HUMANITIES**

#### PROGRAM COURSES:
- **DACT 105** INTRODUCTION TO SUBSTANCE ABUSE AND RECOVERY
- **HUMSV 110** INTRODUCTION TO HUMAN SERVICES
- **HUMSV 111** HUMAN SERVICES APPLICATIONS I
- **HUMSV 120** SURVEY OF PSYCHIATRIC REHABILITATION
- **HUMSV 121** PSYCHIATRIC REHABILITATION SKILLS
- **HUMSV 122** PSYCHIATRIC REHABILITATION HEALTH SKILLS
- **HUMSV 123** VOCATIONAL AND COMMUNITY LIVING SKILLS
- **HUMSV 127** COMMUNITY RESOURCES AND ENTITLEMENT PROGRAMS
- **HUMSV 150** HUMAN SERVICE TOPICS**
- **HUMSV 151** CRISIS AND SUICIDE INTERVENTION
- **HUMSV 200** HUMAN SERVICES APPLICATIONS II
- **HUMSV 250** HUMAN SERVICE INTERNSHIP
- **SOC 110** AN INTRODUCTION TO SOCIOLOGY

#### ELECTIVE COURSES:
- **APPROVED ELECTIVES***

* See specific requirements for Associate in Applied Science Degree.

** Must complete at least 2 credit hours of HUMSV 150

*** Approved electives: CHILD 120; HLTH 121; HUMSV 114, 124, 125, 126, 214, PSY 118, 202, 225; SOC 114, 120, 219

#### Recommended Course Sequence:
1st Semester: English; HUMSV 110; Humanities; HUMSV 120; PSY 110
2nd Semester: HUMSV 121; COMM 110; SOC 110; Mathematics; Approved Elective; HUMSV 150
Summer Semester 1: Approved Elective; DACT 105
3rd Semester: HUMSV 122; HUMSV 111; HUMSV 200; HUMSV 151; HUMSV 127
4th Semester: HUMSV 123; HUMSV 250; Laboratory Science

---

For the most up-to-date program requirements, go online to the College catalog: [www.icc.edu/catalog](http://www.icc.edu/catalog)

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 15 to 17

Program Information: The mission of the Human Services program is to provide an educational foundation that addresses the attitudes/values, skills, and knowledge which are essential for the personal growth of each student to become an effective human services worker.

Admission To the Program: High school graduate or equivalent; completion of COMPASS reading and writing tests (contact ICC Testing Center, 694-5234).

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Human Services Program Coordinator
North Campus
(309) 690-6891

Human Services - Psychiatric Rehabilitation

PROGRAM COURSES:
- HUMSV 120 SURVEY OF PSYCHIATRIC REHABILITATION 4 CR. HRS.
- HUMSV 121 PSYCHIATRIC REHABILITATION SKILLS 3 CR. HRS.
- HUMSV 122 PSYCHIATRIC REHABILITATION HEALTH SKILLS 3 CR. HRS.
- HUMSV 123 VOCATIONAL AND COMMUNITY LIVING SKILLS 4 CR. HRS.
- HUMSV 150 HUMAN SERVICE TOPICS 1-3 CR. HRS.

Recommended Course Sequence:
1st Semester: HUMSV 120
2nd Semester: HUMSV 121; HUMSV 150
3rd Semester: HUMSV 122
4th Semester: HUMSV 123

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 16

Program Information: The mission of the Heating Ventilation and Air Conditioning (HVAC) Residential Installer certificate program is to provide students with the knowledge and skills to understand and follow the manufacturer’s specifications when installing basic residential heating and air conditioning equipment as well as the skills to complete the installation. Students will learn the theory of residential heating and cooling through extensive laboratory experience as well as lectures. After completing this program, the graduates will be able to work as entry-level residential furnace and air conditioner installers.

Additional Program Info: This is the first certificate individuals should earn prior to working in the HVAC industry. Previous experience in residential heating and cooling is not required to enter the program. Students must complete basic skills placement testing before admission into this program.

Admission To the Program: Students must meet with a program advisor prior to registering for classes. It is recommended that students have a COMPASS reading score of ‘81’ or higher and math scores that indicates they are ready for MAT 106.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
(309) 694-5510

---

HVAC Residential Installer

PROGRAM COURSES:

- ARCTK 119  BLUEPRINT READING - CONSTRUCTION  1 CR. HR.
- REACT 110  REFRIGERATION I                  4 CR. HRS.
- REACT 118  ELECTRICITY AS IT APPLIES TO HVAC/R 4 CR. HRS.
- REACT 119  SHEET METAL FOR HVAC/R            2 CR. HRS.
- REACT 120  RESIDENTIAL FURNACES              4 CR. HRS.
- REACT 139  RESIDENTIAL SYSTEMS INSTALLATION  1 CR. HR.

Recommended Course Sequence:
1st Semester: ARCTK 119; REACT 110; REACT 120; REACT 118; REACT 119
2nd Semester: REACT 139

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 29

Program Information: The mission of the Heating Ventilation and Air Conditioning (HVAC) Technician certificate program is to provide students with the knowledge and skills pertaining to the maintenance and repairing of air conditioning systems as well as the following heating systems: natural gas, propane, electric, air source heat pumps, and geothermal heating systems. After completing the program coursework consisting of both lecture and extensive laboratory experiences, the graduates will be able to work as entry-level HVAC technicians or general facilities repair persons.

Additional Program Info: The Residential Installer certificate is required to enter this program. Students must complete basic skills placement testing before admission into this program.

Admission To the Program: Students must complete basic skills placement testing.

To Remain in and Graduate From the Program: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
Dirksen Building
Room 119
(309) 694-5293

HVAC Technician

PROGRAM COURSES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>CR. HRS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCTK 119</td>
<td>BLUEPRINT READING - CONSTRUCTION</td>
<td>1 CR. HRS.</td>
</tr>
<tr>
<td>REACT 110</td>
<td>REFRIGERATION I</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>REACT 111</td>
<td>AIR CONDITIONING SYSTEMS I</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>REACT 112</td>
<td>REFRIGERATION II</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>REACT 113</td>
<td>AIR CONDITIONING SYSTEMS II</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>REACT 118</td>
<td>ELECTRICITY AS IT APPLIES TO HVAC/R</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>REACT 119</td>
<td>SHEET METAL FOR HVAC/R</td>
<td>2 CR. HRS.</td>
</tr>
<tr>
<td>REACT 120</td>
<td>FURNACES AND HEAT PUMPS I</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>REACT 121</td>
<td>FURNACES AND HEAT PUMPS II</td>
<td>4 CR. HRS.</td>
</tr>
</tbody>
</table>

Recommended Course Sequence:
1st Semester: REACT 110; REACT 111
2nd Semester: REACT 112; REACT 113; ARCTK 119
3rd Semester: REACT 118; REACT 120
4th Semester: REACT 119; REACT 121

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 62

Program Information: The mission of the Heating, Air Conditioning, and Refrigeration Technology Associate in Applied Science degree program is to provide students with the knowledge and skills pertaining to the maintenance, repairing, and designing of residential heating, cooling, and commercial refrigeration systems. After completing this program consisting of extensive laboratory as well as lecture-based coursework, graduates will be able to work as entry-level technicians in the following job classifications: heating, air conditioning, and refrigeration mechanics, sheet metal duct installers, residential heating and air conditioning installers, and general facilities repair persons.

Additional Program Info: Students must complete basic skills placement testing before admission into this program. Although this program is not intended to be transferable to a four-year college, many of the courses will transfer into the HVAC/R Engineering Technology and Energy Management Bachelor of Science Degree at Ferris State University.

Admission To the Program: 1 year of high school algebra or MAT 094 with a grade of "C" or better

To Remain in and Graduate From the Program: Students must attain a grade of "C" or better in each course to remain in and graduate from the program. Students must take the Residential and Light Commercial Refrigeration Industry Competency Exams (ICE) in order to graduate. Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
 Dirksen Building
Room 9
(309) 694-8566

HVAC/R Technology

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 125 BUSINESS COMMUNICATIONS 3 CR. HRS.
  or COMM 110 COMMUNICATION: PROCESS AND PRACTICE
- SOCIAL SCIENCE** 3 CR. HRS.
- MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.
- PHYSC 110 ENERGY AND ENVIRONMENT 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ARCTK 119 BLUEPRINT READING - CONSTRUCTION 1 CR. HR.
- ELCTK 111 RESIDENTIAL AND COMMERCIAL WIRING 2 CR. HRS.
- REACT 110 REFRIGERATION I 4 CR. HRS.
- REACT 111 AIR CONDITIONING SYSTEMS I 3 CR. HRS.
- REACT 112 REFRIGERATION II 4 CR. HRS.
- REACT 113 AIR CONDITIONING SYSTEMS II 3 CR. HRS.
- REACT 118 ELECTRICITY AS IT APPLIES TO HVAC/R 4 CR. HRS.
- REACT 119 SHEET METAL FOR HVAC/R 2 CR. HRS.
- REACT 120 FURNACES AND HEAT PUMPS I 4 CR. HRS.
- REACT 121 FURNACES AND HEAT PUMPS II 4 CR. HRS.
- REACT 130 COMMERCIAL REFRIGERATION AND ICE MACHINES I 4 CR. HRS.
- REACT 131 COMMERCIAL REFRIGERATION AND ICE MACHINES II 4 CR. HRS.
- REACT 137 OCCUPATION INTERNSHIP I 1 CR. HR.
- REACT 138 OCCUPATION INTERNSHIP II 1 CR. HR.
- REACT 139 RESIDENTIAL SYSTEMS INSTALLATION 1 CR. HR.

* Recommended Humanities: HUMAN 124
** Recommended Social Sciences: ECON 110, PSY 110, HIST 201

Recommended Course Sequence:
1st Semester: REACT 110; REACT 111; MAT 106; REACT 118
2nd Semester: REACT 112; REACT 113; ELCTK 111; ARCTK 119; REACT 119; Humanities
Summer Semester 1: ENGL 110; REACT 137
3rd Semester: REACT 120; REACT 130; PHYSC 110; REACT 138
4th Semester: REACT 121; REACT 131; ENGL 125 or COMM 110; REACT 139; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 15

Program Information: The mission of the iMedia certificate program is to prepare students for employment or upgrade existing job skills needed in the modern digital publishing format industry by educating them in the fundamental concepts, knowledge, hands-on techniques, and skills needed to create and manage ebooks, variable data processing, interactive PDFs (Portable Document Formats), CSS (Cascading Style Sheets), controlled web sites, and designing augmented reality experiences.

Additional Program Info: The iMedia certificate is one of four certificates that can be earned while working towards the Digital Publishing Certificate or Graphic Communications Associate in Applied Science degree.

Contact Information:
Graphic Communications
Program Coordinator
East Peoria Campus
AIT Building
Room 241
(309) 694-5147

---

iMedia

PROGRAM COURSES:

- GCOMM 130 PAGE LAYOUT WITH ADOBE INDESIGN 3 CR. HRS.
- GCOMM 230 ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA 3 CR. HRS.
- GCOMM 245 WEB PUBLISHING WITH ADOBE DREAMWEAVER 3 CR. HRS.
- GCOMM 247 ADVANCE WEB PUBLISHING WITH ADOBE DREAMWEAVER AND FLASH 3 CR. HRS.
- GCOMM 250 BEGINNING ADOBE PHOTOSHOP TECHNIQUES 3 CR. HRS.

Recommended Course Sequence:
1st Semester: GCOMM 250; GCOMM 245
2nd Semester: GCOMM 230; GCOMM 247; GCOMM 130

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science
Total Credit Hours: 65 to 69

Program Information: The mission of the Industrial Electrical Technology Associate in Applied Science degree program is to use lecture and hands-on laboratory experience to prepare students for employment in the Industrial Electrical field by educating them in the knowledge, skills, and behaviors as an industrial electrical technician.

Admission To the Program: Math skills equivalent to two years of high school algebra and one year of high school geometry are required for admission to the program. Students applying for admission to the program should have high school transcripts and ACT scores or college transcripts sent to Enrollment Services (309) 694-5235 or should make an appointment with the Testing Office (309) 694-5234 for a math test and a reading test. Students must also complete basic skills placement testing before admission into this program.

To Remain in and Graduate From the Program: Students enrolled in the Industrial Electrical Technology Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5526

---

Industrial Electrical Technology

GENERAL COURSES:
- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 7 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- CMCIS 147 FUNDAMENTALS OF VOICE AND DATA CABLING I 4 CR. HRS.
  or CMCIS 151 NETWORK FUNDAMENTALS 4 CR. HRS.
- ELCTK 111 RESIDENTIAL AND COMMERCIAL WIRING 2 CR. HRS.
- ELCTK 112 ELECTRONIC CAD APPLICATIONS I 2 CR. HRS.
- ELCTK 150 INDUSTRIAL ELECTRICITY 4 CR. HRS.
- ELCTK 151 ELECTRICAL SYSTEMS TROUBLESHOOTING 3 CR. HRS.
- ELCTK 215 PROGRAMMABLE CONTROLLERS 4 CR. HRS.
- ELCTK 231 INDUSTRIAL ELECTRONICS 4 CR. HRS.
- ELCTK 232 ELECTRONICS SYSTEMS TROUBLESHOOTING 3 CR. HRS.
- ELCTK 245 MICROPROCESSORS AND MICROCONTROLLERS 4 CR. HRS.
- ELCTK 255 INDEPENDENT STUDY 1-5 CR. HRS.
- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.
- ELCTS 134 SERVICE ELECTRONICS - BASIC SOLID STATE 2 CR. HRS.
- ELCTS 135 SERVICE ELECTRONICS - ADVANCED SOLID STATE 2 CR. HRS.
- ELCTS 136 SERVICE ELECTRONICS - DIGITAL CIRCUITS 2 CR. HRS.
- MECTK 231 INDUSTRIAL FLUID POWER 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

Recommended Course Sequence:
1st Semester: ELCTS 131; ELCTS 132; ELCTS 133; ELCTK 111; Mathematics; English
2nd Semester: ELCTS 134; ELCTS 135; ELCTS 136; ELCTK 150; ELCTK 112;
Laboratory Science
3rd Semester: ELCTK 151; ELCTK 215; ELCTK 245; CMCIS 147 or CMCIS 151;
MECTK 231; Communication
4th Semester: ELCTK 231; ELCTK 232; ELCTK 255; Social Science; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Associate in Applied Science**

Total Credit Hours: 64

**Program Information:** The mission of the Interpreter Preparation program is to produce entry level professional interpreters by providing students with interpreting/transliterating skills, a general knowledge of deafness, and understanding of the interpreting profession.

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

**Contact Information:**
English, Humanities, and Language Studies Department
East Peoria Campus
Room 315B
(309) 694-5342

---

**Interpreter Preparation**

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 7 CR. HRS.
- HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**
- IPP 110 AMERICAN SIGN LANGUAGE I 4 CR. HRS.
- IPP 111 AMERICAN SIGN LANGUAGE II 4 CR. HRS.
- IPP 112 AMERICAN SIGN LANGUAGE III 3 CR. HRS.
- IPP 115 DEAF CULTURE I 3 CR. HRS.
- IPP 118 AMERICAN SIGN LANGUAGE: I FINGERSPELLING AND NUMBERING 2 CR. HRS.
- IPP 120 INTRODUCTION TO INTERPRETING 2 CR. HRS.
- IPP 121 PRACTICAL AND ETHICAL APPLICATIONS OF INTERPRETING 3 CR. HRS.
- IPP 210 AMERICAN SIGN LANGUAGE IV 3 CR. HRS.
- IPP 211 AMERICAN SIGN LANGUAGE V 3 CR. HRS.
- IPP 216 OCCUPATIONAL INTERPRETING 3 CR. HRS.
- IPP 220 INTERPRETING I 3 CR. HRS.
- IPP 221 INTERPRETING II 3 CR. HRS.
- IPP 230 VOICE INTERPRETING I 3 CR. HRS.
- IPP 231 VOICE INTERPRETING II 3 CR. HRS.
- IPP 260 INTERPRETING INTERNSHIP 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

**Recommended Course Sequence:**
1st Semester: IPP 110; IPP 115; IPP 120; ENGL 110; COMM 110; Social Science
2nd Semester: IPP 111, IPP 118; IPP 121; Social Science; Mathematics/Science
Summer Semester 1: IPP 112
3rd Semester: IPP 210; IPP 216; IPP 220; Mathematics/Science
4th Semester: IPP 211; IPP 221; IPP 231; IPP 260; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 45

Program Information: The mission of the Interpreter Preparation Certificate program is to produce entry level professional interpreters by providing students with interpreting/transliterating skills, a general knowledge of deafness, and understanding of the interpreting profession.

To Remain in and Graduate From the Program:
Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
English, Humanities, and Language Studies Department
East Peoria Campus
Room 315B
(309) 694-5342

Interpreter Preparation

PROGRAM COURSES:
- IPP 110 AMERICAN SIGN LANGUAGE I 4 CR. HRS.
- IPP 111 AMERICAN SIGN LANGUAGE II 4 CR. HRS.
- IPP 112 AMERICAN SIGN LANGUAGE III 3 CR. HRS.
- IPP 115 DEAF CULTURE I 3 CR. HRS.
- IPP 118 AMERICAN SIGN LANGUAGE I FINGERSPELLING AND NUMBERING 2 CR. HRS.
- IPP 120 INTRODUCTION TO INTERPRETING 2 CR. HRS.
- IPP 121 PRACTICAL AND ETHICAL APPLICATIONS OF INTERPRETING 3 CR. HRS.
- IPP 210 AMERICAN SIGN LANGUAGE IV 3 CR. HRS.
- IPP 211 AMERICAN SIGN LANGUAGE V 3 CR. HRS.
- IPP 216 OCCUPATIONAL INTERPRETING 3 CR. HRS.
- IPP 220 INTERPRETING I 3 CR. HRS.
- IPP 221 INTERPRETING II 3 CR. HRS.
- IPP 230 VOICE INTERPRETING I 3 CR. HRS.
- IPP 231 VOICE INTERPRETING II 3 CR. HRS.
- IPP 260 INTERPRETING INTERNSHIP 3 CR. HRS.

Recommended Course Sequence:
1st Semester: IPP 110; IPP 115; IPP 120
2nd Semester: IPP 111; IPP 118; IPP 121
Summer Semester: IPP 112
3rd Semester: IPP 210; IPP 216; IPP 220; IPP 230
4th Semester: IPP 211; IPP 221; IPP 231; IPP 260

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Programs/Areas of Study

Associate in Applied Science

Total Credit Hours: 61

**Program Information:** The mission of the Associate in Applied Science Law Enforcement degree is to prepare graduates for employment into the law enforcement field by educating them in general education as well as specialized courses in criminal justice to prepare them to enter the law enforcement field.

**Admission To the Program:** Students must submit: (#1) an application for admission; (#2) transcripts of high school credit or G.E.D. certificate; and (#3) scores from the Illinois Central College Basic Skills Test. Students with no previous law enforcement experience are required to attend the summer internship session. Many positions in law enforcement require advanced study beyond a two-year degree.

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students should be aware that each law enforcement agency has its own employment criteria. Most require a minimum of a high school diploma or its equivalent, verification of excellent physical health, and that the applicant be at least 21 years of age. Many positions in law enforcement require advanced study beyond a two-year degree.

**Contact Information:**
Social Sciences and Public Services Department
North Campus
(309) 690-6863

---

**Law Enforcement**

**GENERAL COURSES:**

- **ENGL 110** COMPOSITION I 3 CR. HRS.
- **COMM 110** COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- **SOC 110** AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.
- **LABORATORY SCIENCE* 4 CR. HRS.
- **MATHEMATICS* 3 CR. HRS.
- **HUMANITIES* 3 CR. HRS.

**PROGRAM COURSES:**

- **CMGEN 120** COMPUTER APPLICATIONS 3 CR. HRS.
- **CRJ 110** INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM 3 CR. HRS.
- **CRJ 112** POLICE OPERATIONS 3 CR. HRS.
- **CRJ 114** INTRODUCTION TO CORRECTIONS 3 CR. HRS.
- **CRJ 118** JUVENILE DELINQUENCY 3 CR. HRS.
- **CRJ 130** INTRODUCTION TO INVESTIGATION 3 CR. HRS.
- **CRJ 201** INTERNSHIP IN CRIMINAL JUSTICE** 3 CR. HRS.
  (or)
  **APPROVED ELECTIVE*** 3 CR. HRS.
- **CRJ 225** CRIMINAL LAW 3 CR. HRS.
- **CRJ 227** ADMINISTRATION OF JUSTICE 3 CR. HRS.
- **CRJ 250** POLICE ORGANIZATION AND ADMINISTRATION 3 CR. HRS.
- **ENGL 111** COMPOSITION II 3 CR. HRS.
- **POLSC 115** AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- **POLSC 119** STATE AND LOCAL GOVERNMENT 3 CR. HRS.
- **PSY 110** INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- **SOC 210** INTRODUCTION TO CRIMINOLOGY 3 CR. HRS.

**ELECTIVE COURSES:**

- **APPROVED ELECTIVE*** 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

** In order to be eligible to enroll in CRJ 201 Internship in Criminal Justice, students must attain an overall grade point average of 2.0. Students must be enrolled in Law Enforcement Program and have completed a minimum of 20 semester hours.

*** Approved Electives are such courses as FORSC 123, 244; CRJ 111, 230, 255, EMT 114, or any course approved by your advisor.

**Recommended Course Sequence:**

1st Semester: CRJ 110; CRJ 118; SOC 110; ENGL 110; CMGEN 120
2nd Semester: CRJ 112; CRJ 130; PSY 110; ENGL 111; COMM 110; Approved Elective
Summer Semester 1: CRJ 201 or Approved Elective
3rd Semester: CRJ 225; CRJ 250; POLSC 119; Humanities; Mathematics
4th Semester: CRJ 227; SOC 210; CRJ 114; Laboratory Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

* Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 30

Program Information: The mission of the Law Enforcement certificate is to prepare graduates for employment into the law enforcement field by educating them in the knowledge, skills and behaviors to prepare them to enter into the law enforcement field.

Admission To the Program: Students must submit an application for admission; transcripts of high school credit or G.E.D. certificate; and scores from the Illinois Central College Basic Skills Test. Students with no previous law enforcement experience may be required to attend the summer internship program.

To Remain in and Graduate From the Program: Students should be aware that each Law Enforcement agency has its own employment criteria. Most require a minimum of high school diploma or its equivalent, verification of excellent physical health and that the applicant be at least 21 years of age. Many positions in Law Enforcement require advance study beyond a two-year degree.

Contact Information:
Social Sciences and Public Services Department
North Campus
Cedar Hall
Room C8
(309) 690-7691

Law Enforcement

PROGRAM COURSES:

- CRJ 110 INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM 3 CR. HRS.
- CRJ 112 POLICE OPERATIONS 3 CR. HRS.
- CRJ 114 INTRODUCTION TO CORRECTIONS 3 CR. HRS.
- CRJ 118 JUVENILE DELINQUENCY 3 CR. HRS.
- CRJ 130 INTRODUCTION TO INVESTIGATION 3 CR. HRS.
- CRJ 201 INTERNSHIP IN CRIMINAL JUSTICE or CRJ 227 ADMINISTRATION OF JUSTICE 3 CR. HRS.
- CRJ 225 CRIMINAL LAW 3 CR. HRS.
- CRJ 250 POLICE ORGANIZATION AND ADMINISTRATION 3 CR. HRS.

* CRJ 111, 119, 121, 165, 227, 230, 235, 255, EMT 110

Recommended Course Sequence:
1st Semester: CRJ 110; CRJ 112; CRJ 114; CRJ 118
2nd Semester: CRJ 130; CRJ 225; CRJ 227; CRJ 250
Summer Semester 1: CRJ 201 or CRJ Elective; CRJ Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
## Library Technical Assistant

### GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.

### PROGRAM COURSES:
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- LIB 110 INTRODUCTION TO LIBRARIES 3 CR. HRS.
- LIB 114 AUDIOVISUAL EQUIPMENT OPERATION 2 CR. HRS.
- LIB 125 CATALOGING AND CLASSIFICATION 3 CR. HRS.
- LIB 127 MARC RECORD AND TECHNICAL PROCESSING 3 CR. HRS.
- LIB 210 REFERENCE 3 CR. HRS.
- LIB 216 INTRODUCTION TO COLLECTION DEVELOPMENT 3 CR. HRS.
- LIB 231 INTRODUCTION TO PATRON SERVICES 3 CR. HRS.
- LIB 250 LIBRARY PRACTICUM 1-3 CR. HRS.

### ELECTIVE COURSES:
- ELECTIVES** 14 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Recommended Electives: CHILD 231; PRLGL 112; EDUC 230; HLTH 121; LIB 111, 200, 222

Recommended Course Sequence:
1st Semester: LIB 110; LIB 114; ENGL 110; CMGEN 120; Elective
2nd Semester: LIB 125; LIB 216; ENGL 111; Mathematics; Elective
3rd Semester: LIB 127; LIB 231; Laboratory Science; Social Science; Elective
4th Semester: LIB 210; LIB 250; COMM 110; Humanities; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 27 to 30

Program Information: The mission of the Library Technical Assistant Certificate program is to prepare students for employment in various types of libraries and/or for the foundational education in information management for a master's degree in library science. LTA graduates possess collection development, cataloging, media technology, technology troubleshooting, reference, collaborative, and patron services skills and are eager to network and serve the surrounding community.

Additional Program Info: The Library Technical Assistant Certificate program is designed to prepare individuals for immediate entry into positions which help library and information services professionals acquire, prepare and organize materials, and assist library users in finding materials and information. Emphasis is on acquiring practical skills needed in day-to-day operations in a library or media center.

To Remain in and Graduate From the Program:
Students enrolled in this certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
LTA Program Coordinator
East Peoria Campus
Library/Administration Building
Room L445
(309) 694-5508

Library Technical Assistant

PROGRAM COURSES:
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- LIB 110 INTRODUCTION TO LIBRARIES 3 CR. HRS.
- LIB 114 AUDIOVISUAL EQUIPMENT OPERATION 2 CR. HRS.
- LIB 125 CATALOGING AND CLASSIFICATION 3 CR. HRS.
- LIB 127 MARC RECORD AND TECHNICAL PROCESSING 3 CR. HRS.
- LIB 210 REFERENCE 3 CR. HRS.
- LIB 216 INTRODUCTION TO COLLECTION DEVELOPMENT 3 CR. HRS.
- LIB 231 INTRODUCTION TO PATRON SERVICES 3 CR. HRS.
- LIB 250 LIBRARY PRACTICUM 1-3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVE* 3-4 CR. HRS.

* Recommended Electives: CHILD 231; PRLGL 112; EDUC 230; HLTH 121; LIB 111, 200, 222

Recommended Course Sequence:
1st Semester: LIB 110; LIB 114; LIB 125
2nd Semester: LIB 127; LIB 216; CMGEN 120
3rd Semester: LIB 210; LIB 231
4th Semester: LIB 250; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 42

Program Information: The mission of the Licensed Practical Nurse Certificate program is to effectively provide educational resources within theory, lab and clinical experiences to prepare graduates for a successful professional nursing career as a Licensed Practical Nurse.

Accreditation: The Licensed Practical Nurse Certificate program is fully accredited by the Illinois Department of Financial and Professional Regulation. The graduate will be eligible to take the National Council Licensure Examination for Practical Nurses (NCLEX-PN) and apply for licensure as a Licensed Practical Nurse (LPN).

Admission To the Program: Admission criteria include: (1) graduation from high school or equivalent; (2) an ACT composite score of 14 or above (tested prior to October 28, 1989), or 16 or above (tested October 28, 1989 or later); (3) at least a "C" in courses taken at other colleges; (4) grade of "C" in nine or more approved semester hours taken at Illinois Central College; (5) one year of high school algebra or MAT 094 with a grade of "C" or better or Math placement test into MAT 098; and (6) placement test scores into READ 115; (7) Cumulative score of 0.80 or higher on Evolve HESI A2 Examination (8) A drug screen, fingerprint background check, physical exam and immunization will be required upon admission to the program (9) Students will be required to submit proof of current CPR certification at the American Heart Association (AHA) Healthcare Provider Level or the American Red Cross (ARC) Professional Rescuer and Healthcare Provider Level by the date specified by the instructor. Proof must be in the form of the original or photocopy of course completion card issued by either the AHA or ARC. Students are required to maintain current CPR certification throughout the program.

Recommended high school subjects: (1) three years of English; (2) one year biology; (3) two years of mathematics (one year of algebra)

To Remain in and Graduate From the Program:
Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students must attain a grade of "C" or better in each course to remain in and graduate from this program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Licensed Practical Nurse

PROGRAM COURSES:
- **Biol 140** HUMAN ANATOMY AND PHYSIOLOGY ** 4 CR. HRS.
- **ENGL 110** COMPOSITION I ** 3 CR. HRS.
- **FCS 110** BASIC NUTRITION ** 2 CR. HRS.
- **HEOCC 114** INTRODUCTION TO INTERDISCIPLINARY ** HEALTH CARE 1 CR. HR.
- **HLTH 121** MEDICAL TERMINOLOGY ** 2 CR. HRS.
- **PRNRS 110** PRACTICAL NURSING I 8 CR. HRS.
- **PRNRS 111** PRACTICAL NURSING II 11 CR. HRS.
- **PRNRS 112** PRACTICAL NURSING III 5 CR. HRS.
- **PRNRS 114** PHARMACOLOGY FOR PRACTICAL NURSING 2 CR. HRS.
- **PSY 110** INTRODUCTION TO PSYCHOLOGY ** 3 CR. HRS.
- **RNRS 150** PRINCIPLES OF SAFE MEDICATION ADMINISTRATION 1 CR. HR.

* Course must be completed within five (5) years of admission into the program.
** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: PRNRS 110; PRNRS 114; BIOL 140; HEOCC 114; RNRS 150
2nd Semester: PRNRS 111; ENGL 110; HLTH 121; FCS 110
Summer Semester 1: PRNRS 112; PSY 110

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 61

Program Information: The mission of the Associate in Applied Science LPN to RN Completion program is to effectively provide educational resources within theory, laboratory, and clinical experiences to prepare graduates for a successful, professional nursing career as a registered nurse.

Additional Program Info: RNRS 150 and RNRS 111 may be completed by proficiency exam by a Licensed Practical Nurse (LPN). Transfer of comparable credit from other institutions may be evaluated and accepted toward meeting requirements of ICC Nursing Program general education courses. Transfer credit is not accepted for vocational, or program courses, nor is credit given for work experience. To receive a "C" or better grade, the student must: (1) maintain a grade average of 75% or better; (2) demonstrate satisfactory clinical performance and meet all course specific clinical and lab requirements; and (3) meet all course requirements within specified time limits.

Accreditation: The Nursing program is fully approved by the Illinois Department of Financial and Professional Regulation and accredited by the Accreditation Commission for Education in Nursing. The commission may be contacted as follows: Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, Phone: (404) 975-5000, Fax: (404) 975-5020. Graduates are eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN) and may apply for licensure to practice nursing as a Registered Nurse (RN).

Admission To the Program: Admission criteria for the LPN to RN Completion Program includes: (1) graduation from an approved practical nursing program within the last five years or achievement of a conversion score of 75% or higher on the Evolve HESI PN-ADN Exam; (2) valid Illinois Licensed Practical Nursing (LPN) license; (3) currently employed full time or equivalent, as a Licensed Practical Nurse (LPN) or has practiced nursing for a minimum of 12 months within the last 3 years or departmental approval; (4) proof of current CPR certification with American Heart Association (AHA) Healthcare Provider or American Red Cross (ARC) Professional Rescuer card. Students are required to maintain current CPR certification throughout the program (4) one year high school Chemistry, or equivalent, or completion of CHEM 115 with a grade of "C" or better within 5 years of program admission; (6) completed BIOL 205, 206, 210, RNRS 150, RNRS 111, and RNRS 210 with a grade of "C" or better, within the last five years; (7) completed PSY 110, SOC 110, FCS 110 or 120, ENGL 110, ENGL 111 or COMM 110, HLTH 121, Humanities; 3 sem hours, with a grade of "C" or better; (8) grade of "C" or better in courses being transferred to ICC; (9) grade point average (GPA) of 2.5 or better; (10) A drug screen, fingerprint background check, physical exam and immunization will be required upon admission to the program. Recommended high school courses: (1) 4 years of English; (2) 1 year of Biology; (3) 2 years of mathematics; (4) 1 year of chemistry.

To Remain in and Graduate From the Program: LPNs enrolled within Associate in Applied Science Degree in Nursing program must meet with assigned academic advisor to plan a specific course schedule which meets Illinois Central College academic and personal requirements. Student must attain a grade of "C" or better in all required general education and required program courses to remain in and graduate from this program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

LPN to RN Completion Program

GENERAL COURSES:

- ENGL 110 COMPOSITION I *** 3 CR. HRS.
- ENGL 111 or COMM 110 COMMUNICATION: PROCESS AND PRACTICE *** 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY *** 3 CR. HRS.
- RNRS 150 PRINCIPLES OF SAFE MEDICATION ADMINISTRATION *** 1 CR. HR.
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I *** 4 CR. HRS.
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II *** 4 CR. HRS.
- HUMANITIES* *** 3 CR. HRS.
- RNRS 150 PRINCIPLES OF SAFE MEDICATION ADMINISTRATION 1 CR. HR.

PROGRAM COURSES:

- BIOL 210 MICROBIOLOGY ** *** 4 CR. HRS.
- FCS 110 BASIC NUTRITION or FCS 120 PRINCIPLES OF NUTRITION *** 3 CR. HRS.
- HLTH 121 MEDICAL TERMINOLOGY *** 2 CR. HRS.
- RNRS 111 PHARMACOLOGY FOR NURSES *** 2 CR. HRS.
- RNRS 125 NURSING: LPN to RN TRANSITION *** 2 CR. HRS.
- RNRS 210 HEALTH ASSESSMENT OF THE ADULT PATIENT*** 2 CR. HRS.
- RNRS 220 NURSING III 10 CR. HRS.
- RNRS 221 NURSING IV 10 CR. HRS.
- RNRS 222 NURSING MANAGEMENT AND LEADERSHIP 2 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY *** 3 CR. HRS.

* See specific requirements for Humanities, for Associate in Applied Science Degree.
** These courses must be completed within five (5) years of admission to the program, BIOL 205, 206, 210, RNRS 111, 210, 150.
*** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: BIOL 205; ENGL 110; RNRS 150; RNRS 210; HLTH 121; ENGL 111 or COMM 110; SOC 110
2nd Semester: BIOL 206; FCS 110 or 120; RNRS 111; PSY 110; BIOL 210; Humanities
3rd Semester: RNRS 125; RNRS 220
4th Semester: RNRS 221; RNRS 222

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Program Information:** The mission of the Machine Tool Technology Associate in Applied Science degree program is to prepare students with the skills in the operation of machine tools for entry level positions as industry professionals including precision machinists, mold makers, die makers, and tool makers.

**Admission To the Program:** Students applying for admission to the program should have their high school transcripts and ACT scores or college transcripts sent to the Enrollment Services Center, and must contact the Testing Office for basic skills testing in mathematics, reading, and English. Math skills equivalent to one year of high school algebra and one year of high school geometry are required for admission to the program. These courses are available at Illinois Central College for applicants who need to upgrade their mathematics skills.

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

**Contact Information:**
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

---

**Machine Tool Technology**

**GENERAL COURSES:**
- ENGLISH*                                                                 3 CR. HRS.
- COMMUNICATION*                                                            3 CR. HRS.
- SOCIAL SCIENCE*                                                          3 CR. HRS.
- MATHEMATICS*                                                              3 CR. HRS.
- PHYS 112                  TECHNICAL PHYSICS I                             4 CR. HRS.
- HUMANITIES/FINE ARTS*                                                  3 CR. HRS.

**PROGRAM COURSES:**
- MACTR 110                 PRINT READING - MECHANICAL                        3 CR. HRS.
- MACTR 121                 MACHINE TOOL OPERATION I                              3 CR. HRS.
- MACTR 122                 MACHINE TOOL OPERATION II                               3 CR. HRS.
- MACTR 123                 MACHINE TOOL OPERATION III                               2 CR. HRS.
- MACTR 124                 SPECIAL MACHINING SKILLS                                  2 CR. HRS.
- MACTR 221                 MACHINING INTERNSHIP                                        1 CR. HR.
- MACTR 231                 ANALYTICAL TECHNICAL PHYSICS                                   3 CR. HRS.
- MECTK 115                 TECHNICAL ALGEBRA AND TRIGONOMETRY                          5 CR. HRS.
- MECTK 121                 INTRODUCTION TO MECHANICAL COMPUTER-AIDED DRAFTING            3 CR. HRS.
- MECTK 204                 STATICS AND STRENGTH OF MATERIALS                          4 CR. HRS.
- MECTK 231                 INDUSTRIAL FLUID POWER                                     3 CR. HRS.
- MECTK 232                 MATERIALS SCIENCE AND PHYSICAL METALLURGY                    3 CR. HRS.
- NCTK 110                  INTRODUCTION TO NUMERICAL CONTROL SYSTEMS                      1 CR. HR.
- NCTK 210                  FUNDAMENTALS OF CNC PROGRAMMING                                2 CR. HRS.
- NCTK 212                  CNC MACHINE OPERATION I                                    2 CR. HRS.
- NCTK 214                  CNC MACHINE OPERATION II                                   2 CR. HRS.
- WLDTR 119                 WELDING PROCESSES                                             2 CR. HRS.

* See specific requirements for the Associate in Applied Science Degree.

**Recommended Course Sequence:**
1st Semester: MECTK 115; MACTR 121; Mathematics; English; MACTR 110
2nd Semester: MECTK 121; MACTR 122; Communication; PHYS 112; NCTK 110; NCTK 212
3rd Semester: NCTK 214; MACTR 123; Social Science; WLDTR 119; MECTK 231; MECTK 204
4th Semester: MACTR 124; MECTK 232; WLDTR 119; Humanities/Fine Arts; NCTK 210

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

**Total Credit Hours:** 35

**Program Information:** The mission of the Machinist certificate program is to provide students with entry level skills needed to gain employment as machine operators of traditional manual machines and computer assisted numerically-controlled machines. This program will also allow practicing machinists to upgrade their competencies.

**To Remain in and Graduate From the Program:**
Students enrolled in this certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

**Contact Information:**
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

---

**Machinist**

**PROGRAM COURSES:**

- MACTR 110 PRINT READING - MECHANICAL 3 CR. HRS.
- MACTR 121 MACHINE TOOL OPERATION I 3 CR. HRS.
- MACTR 122 MACHINE TOOL OPERATION II 3 CR. HRS.
- MACTR 123 MACHINE TOOL OPERATION III 2 CR. HRS.
- MACTR 124 SPECIAL MACHINING SKILLS 2 CR. HRS.
- MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.
- MECTK 138 MANUFACTURING PROCESSES I 3 CR. HRS.
- MECTK 232 MATERIALS SCIENCE AND PHYSICAL METALLURGY 3 CR. HRS.
- NCTK 110 INTRODUCTION TO NUMERICAL S CONTROL SYSTEM 1 CR. HR.
- NCTK 210 FUNDAMENTALS OF NUMERICAL CONTROL PROGRAMMING 3 CR. HRS.
- NCTK 212 CNC MACHINE OPERATION I 2 CR. HRS.
- NCTK 214 N/C MACHINING, MILL 2 CR. HRS.
- PHYS 104 PRE-TECHNICAL PHYSICS 4 CR. HRS.

**Recommended Course Sequence:**
1st Semester: MACTR 110; MACTR 121; MACTR 122; MAT 106; NCTK 110
2nd Semester: MACTR 123; MACTR 124; PHYS 104; MECTK 232; NCTK 210
Summer Semester 1: MECTK 138; NCTK 212; NCTK 214

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 60 to 61

Program Information: The mission of the Maintenance Mechanic Technology Associate in Applied Science degree program is to prepare students with the skills and knowledge in troubleshooting, disassembly, repair and reassembly of hydraulic, pneumatic, mechanical, and electrical systems on industrial machinery.

Admission To the Program: Students applying for admission to the program should have high school transcripts and ACT scores or college transcripts sent to the Enrollment Services Center or should make an appointment with the Testing Office for a math test and a reading test. Math skills equivalent to two years of high school algebra and one year of high school geometry are required for admission to the program. These courses are available at Illinois Central College for applicants who need to upgrade their mathematics skills.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Maintenance Mechanic Technology

GENERAL COURSES:
- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS** 3 CR. HRS.
- PHYS 112 TECHNICAL PHYSICS I 4 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.

PROGRAM COURSES:
- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.
- MACTR 110 PRINT READING - MECHANICAL 3 CR. HRS.
- MACTR 121 MACHINE TOOL OPERATION I 3 CR. HRS.
- MECTK 149 BASIC POWER TRANSMISSION 2 CR. HRS.
- MECTK 150 MECHANICAL SYSTEMS I 2 CR. HRS.
- MECTK 151 MECHANICAL SYSTEMS II 2 CR. HRS.
- MECTK 152 INDUSTRIAL RIGGING 2 CR. HRS.
- MECTK 155 PIPING SYSTEMS 1 CR. HR.
- MECTK 226 STATISTICS AND QUALITY CONTROL 3 CR. HRS.
- MECTK 231 INDUSTRIAL FLUID POWER 3 CR. HRS.
- MECTK 232 MATERIALS SCIENCE AND PHYSICAL METALLURGY 3 CR. HRS.
- MECTK 252 ADVANCED TROUBLESHOOTING 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES*** 8-9 CR. HRS.

* See specific requirements for the Associate in Applied Science Degree.
** Students should take the math placement test to determine math placement.
*** ELCTK 111, 150, 151; NCTK 110, 212, 214; REACT 110, 111, 112

Recommended Course Sequence:
1st Semester: MECTK 149; MACTR 110; MACTR 121; Mathmatics; English
2nd Semester: MECTK 150; MECTK 152; ELCTS 131; ELCTS 132; PHYS 112; Humanities/Fine Arts
3rd Semester: MECTK 151; MECTK 231; ELCTS 133; MECTK 155; Social Science; Communications; Elective
4th Semester: MECTK 226; MECTK 232; MECTK 252; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
### Associate in Applied Science

**Total Credit Hours:** 62

**Program Information:** The mission of the Associate in Applied Science Management degree program is to prepare students for employment in managerial positions through education in management, fundamental business concepts, and classes specific to particular industry option.

**Additional Program Info:** The Associate in Applied Science Management program is designed for students preparing for managerial positions but provides the student with the opportunity to specialize by pursuing electives in one of two management career options: Supervision or Hospitality. Internship courses are offered whereby students can gain work experience in their chosen field and earn college credit while working at an approved business location. Program requirements can be completed in four semesters of full-time study or on a part-time basis. The program is not designed for college transfer, although some courses may transfer with approval from four-year institutions.

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Students should complete an “Application for Degree/Certificate” after completing 40 or more hours. The form is available in Enrollment Services, L211.

**Contact Information:**
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

---

### Management

**GENERAL COURSES:**
- ENGL 110  COMPOSITION I  3 CR. HRS.
- ENGL 125  BUSINESS COMMUNICATIONS  3 CR. HRS.
- or  COMM 110  COMMUNICATION: PROCESS AND PRACTICE  3 CR. HRS.
- ECON 105  SURVEY OF ECONOMIC PRINCIPLES  3 CR. HRS.
- or  ECON 110  PRINCIPLES OF MACROECONOMICS  3 CR. HRS.
- BUS 120  BUSINESS MATHEMATICS  3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS*  4 CR. HRS.
- HUMANITIES*  3 CR. HRS.

**PROGRAM COURSES:**
- ACCTG 120  FINANCIAL ACCOUNTING  4 CR. HRS.
- BUS 112  INTRODUCTION TO BUSINESS CAREERS  1 CR. HR.
- BUS 151  JOB ORIENTATION  2 CR. HRS.
- BUS 215  LEGAL ENVIRONMENT OF BUSINESS  3 CR. HRS.
- BUS 220  INTRODUCTION TO BUSINESS FINANCE  3 CR. HRS.
- MGMT 113  PRINCIPLES OF MANAGEMENT  3 CR. HRS.
- MGMT 213  MANAGEMENT CASES AND PROBLEMS  3 CR. HRS.
- or  MGMT 260  MANAGEMENT INTERNSHIP  3 CR. HRS.
- MGMT 205  PERSONNEL MANAGEMENT  3 CR. HRS.
- MKTG 112  PRINCIPLES OF MARKETING  3 CR. HRS.
- CMGEN 120  COMPUTER APPLICATIONS  3 CR. HRS.
- or  CMPSC 120  BUSINESS COMPUTER SYSTEMS  3 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES**  15 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

** Students who wish to pursue a career in supervision should complete: BUS 200; MGMT 114, 211, 215, 216 or other course with departmental approval. Students who wish to pursue a career in hospitality management should complete: BUS 121, CA 151; HOS 110, 111, 112 or other course with departmental approval.

**Recommended Course Sequence:**
1st Semester: ENGL 110; BUS 112; BUS 120; MGMT 113; ACCTG 120; CMGEN 120 or CMPSC 120
2nd Semester: ENGL 125 or COMM 110; BUS 215; MKTG 112; Approved Electives (2)
3rd Semester: ECON 105 or ECON 110; Approved Electives (2); Laboratory Science/Mathematics
4th Semester: MGMT 205; BUS 220; MGMT 213 or MGMT 260; ; BUS 151; Humanities; Approved Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 66

Program Information: The mission of the Supply Chain Management program is to prepare students for employment in Supply Chain Management through education in management, fundamental business concepts and supply chain management.

Additional Program Info: The Associate in Applied Science Management program of study is designed for students preparing for managerial positions but provides the student with the opportunity to specialize by pursuing electives in one of three management career options: Supervision; Supply Chain Management; or Hospitality Management. Internship courses are offered whereby students can gain work experience in their chosen field and earn college credit while working at an approved business location. Program requirements can be completed in four semesters of full-time study or on a part-time basis. The program is not designed for college transfer, although some courses may transfer with approval from four-year institutions. Students enrolled in the Associate in Applied Science Degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

To Remain in and Graduate From the Program:
Students should complete an Application for Degree/Certificate after completing 40 or more hours of this program. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Management - Supply Chain Management

GENERAL COURSES:

- ENG 110 COMPOSITION I 3 CR. HRS.
- ENG 125 BUSINESS COMMUNICATIONS 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 105 SURVEY OF ECONOMIC PRINCIPLES 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:

- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- BUS 112 INTRODUCTION TO BUSINESS CAREERS 1 CR. HR.
- BUS 151 JOB ORIENTATION 2 CR. HRS.
- BUS 200 HUMAN RELATIONS IN BUSINESS 3 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.
- MGMT 113 PRINCIPLES OF MANAGEMENT 3 CR. HRS.
- MGMT 205 PERSONNEL MANAGEMENT 3 CR. HRS.
- MGMT 211 MANAGING THE SUPPLY CHAIN 3 CR. HRS.
- MGMT 213 MANAGEMENT CASES AND PROBLEMS 3 CR. HRS.
- MGMT 260 MANAGEMENT INTERNSHIP 3 CR. HRS.
- MKTG 112 PRINCIPLES OF MARKETING 3 CR. HRS.
- SCM 111 CONTEMPORARY LOGISTICS 3 CR. HRS.
- SCM 220 BASICS OF SUPPLY CHAIN MANAGEMENT 2 CR. HRS.
- SCM 231 MASTER PLANNING OF RESOURCES 2 CR. HRS.
- SCM 232 DETAILED SCHEDULING AND PLANNING 2 CR. HRS.
- SCM 233 EXECUTION AND CONTROL OF OPERATIONS 2 CR. HRS.
- SCM 234 STRATEGIC MANAGEMENT OF RESOURCES 2 CR. HRS.

ELECTIVE COURSES:

- BUSINESS ELECTIVE** 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** BUS 111 is recommended for the Supply Chain Option.

Recommended Course Sequence:
1st Semester: ENG 110; BUS 112; BUS 120; MGMT 113; ACCTG 120; CMGEN 120 or CMPSC 120
2nd Semester: ENG 125 or COMM 110; BUS 215; BUS 200; MKTG 112; Business Elective
3rd Semester: MGMT 205; Laboratory Science/Mathematics; SCM 220; SCM 231; SCM 233; MGMT 211
4th Semester: MGMT 213 or 260; ECON 105 or 110; BUS 151; Humanities; SCM 232; SCM 234; SCM 111

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 25 to 26

Program Information: The mission of the Supply Chain Management Certificate program is to prepare students for employment in Supply Chain Management through education in management, fundamental business concepts and supply chain management.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Management of Supply Chain

PROGRAM COURSES:

- ELECTIVES*  6-7 CR. HRS.
- MKTG 112  PRINCIPLES OF MARKETING  3 CR. HRS.
- MGMT 211  MANAGING THE SUPPLY CHAIN  3 CR. HRS.
- SCM 111  CONTEMPORARY LOGISTICS  3 CR. HRS.
- SCM 220  BASICS OF SUPPLY CHAIN MANAGEMENT  2 CR. HRS.
- SCM 231  MASTER PLANNING OF RESOURCES  2 CR. HRS.
- SCM 232  DETAILED SCHEDULING AND PLANNING  2 CR. HRS.
- SCM 233  EXECUTION AND CONTROL OF OPERATIONS  2 CR. HRS.
- SCM 234  STRATEGIC MANAGEMENT OF RESOURCES  2 CR. HRS.

* Choose 2 of the following recommended electives: ACCTG 120, 121; BUS 111, 115, 200; ECON 110; MGMT 113; MKTG 260.

Recommended Course Sequence:
1st Semester: MKTG 112; SCM 220; SCM 231; SCM 233; MGMT 211
2nd Semester: (2) Approved Electives; SCM 111; SCM 232; SCM 234

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science
Total Credit Hours: 60 to 62

Program Information: The mission of the Manufacturing Engineering Technology Associate in Applied Science degree program is to prepare students with the skills and knowledge for entry-level positions in manufacturing firms. Students will learn about manufacturing processes as well as manufacturing equipment, parts, and quality problems.

Additional Program Info: The college maintains articulation agreements with several universities from which students may pursue a bachelor's degree upon graduating.

Admission To the Program: Students must complete basic skills placement test before entering the program.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Manufacturing Engineering Technology

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 201 TECHNICAL COMMUNICATIONS 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MATHEMATICS** 3 CR. HRS.
- PHYS 112 TECHNICAL PHYSICS I 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- COMM 113 BUSINESS AND PROFESSIONAL SPEAKING 3 CR. HRS.

PROGRAM COURSES:
- MATHEMATICS* 3-5 CR. HRS.
- MECTK 110 INTRODUCTION TO THE TOOLS OF TECHNOLOGY 3 CR. HRS.
- MACTR 110 PRINT READING - MECHANICAL 3 CR. HRS.
- MECTK 115 PRINCIPLES OF DIMENSIONAL METROLOGY 2 CR. HRS.
- MECTK 121 INTRODUCTION TO MECHANICAL COMPUTER-AIDED DRAFTING 3 CR. HRS.
- MECTK 138 MANUFACTURING PROCESSES I 3 CR. HRS.
- MECTK 204 STATICS AND STRENGTH OF MATERIALS 4 CR. HRS.
- MECTK 226 STATISTICS AND QUALITY CONTROL 3 CR. HRS.
- MECTK 231 INDUSTRIAL FLUID POWER 3 CR. HRS.
- MECTK 232 MATERIALS SCIENCE AND PHYSICAL METALLURGY 3 CR. HRS.
- MECTK 238 MANUFACTURING PROCESSES II 3 CR. HRS.
- PHYS 113 TECHNICAL PHYSICS II 4 CR. HRS.
- WLDTR 119 WELDING PROCESSES 2 CR. HRS.

ELECTIVE COURSES:
- TECHNICAL ELECTIVES*** 5 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Math Sequence (minimum 6 semester hours): Option 1: (Baccalaureate Sequence-Preferred) MATH 130 and 137; Option 2: (Baccalaureate Sequence) MATH 115 and 120; Option 3: (Non-transfer Sequence) MAT 106 and 130.
*** Technical Electives: NCTK 212, 214; MECTK 251; MAMM 220, 231, 232.

Recommended Course Sequence:
1st Semester: MECTK 110 or MACTR 110; MECTK 138; MECTK 115; Mathematics; ENGL 110.
2nd Semester: MECTK 121 or 125; MECTK 238; Mathematics; PHYS 112; WLDTR 119.
3rd Semester: MECTK 204; MECTK 231; PHYS 113; Technical Elective(s); Social Science.
4th Semester: MECTK 226; MECTK 232; COMM 110 or COMM 113; ENGL 201; Technical Elective(s).

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 64 to 65

Program Information: The mission of the Associate in Applied Science Marketing/Sales and Retail Management degree program is to prepare students for employment in supervisory positions in marketing through education in marketing, sales, advertising, customer service, consumer marketing, as well as broad-based business classes including international business, legal environment of business, human relations, management, accounting/bookkeeping and a marketing internship.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information: Business, Hospitality, and Information Systems Department East Peoria Campus Technology Center Room 205 (309) 694-5558

Marketing/Sales and Retail Management

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 125 BUSINESS COMMUNICATIONS 3 CR. HRS.
- ECON 105 SURVEY OF ECONOMIC PRINCIPLES 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ACCTG 105 BOOKKEEPING/ACCOUNTING I 4 CR. HRS.
- BUS 111 INTERNATIONAL BUSINESS 3 CR. HRS.
- BUS 112 INTRODUCTION TO BUSINESS CAREERS 1 CR. HR.
- BUS 121 PRINCIPLES OF CUSTOMER SERVICE 3 CR. HRS.
- BUS 151 JOB ORIENTATION 2 CR. HRS.
- BUS 200 HUMAN RELATIONS IN BUSINESS 3 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- MKTG 112 PRINCIPLES OF MARKETING 3 CR. HRS.
- MKTG 115 RETAILING 3 CR. HRS.
- MKTG 200 ADVERTISING 3 CR. HRS.
- MKTG 201 SALES 3 CR. HRS.
- MKTG 202 CONSUMER MARKETING 3 CR. HRS.
- MKTG 260 MARKETING INTERNSHIP 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVE** 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Approved Electives: CA 217, MKTG 207, MGMT 203, 205, 211, 216

Recommended Course Sequence:
1st Semester: ENGL 110; BUS 120; ACCTG 105 or ACCTG 120; MKTG 112; BUS 112; CMGEN 120 or CMPSC 120
2nd Semester: BUS 215; ENGL 125 or COMM 110; BUS 200; MGMT 113; Approved Elective
3rd Semester: ECON 105 or ECON 110; MKTG 115; MKTG 201; BUS 111; BUS 151; Laboratory Science/Mathematics
4th Semester: MKTG 200; MKTG 202; BUS 121; MKTG 260; Approved Elective; Humanities Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Program Information: The mission of the Massage Therapy Program is to provide the curriculum and clinical experiences necessary to empower graduates with knowledge, skills, and affective elements necessary to successfully practice massage therapy in the workforce.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Admission To the Program: (1) High school graduate or equivalent; (2) grade of "C" or better in BIOL 140 and TM 110; (3) drug screen, fingerprint background check, physical exam and immunization will be required following acceptance to the program. (4) required proof of current CPR certification: American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) or American Red Cross (ARC) Professional Rescuer by specified date. Proof of certification must be in the form of an original or photocopy of course completion card issued by either the AHA or ARC. (5) students are required to maintain current CPR certification throughout the program.

To Remain in and Graduate From the Program: Students must attain a grade of "C" or better in each course to remain in and graduate from this program.

Contact Information:
Health Careers Department
East Peoria Campus
Thomas Building
(309) 999-4600

Certificate
Total Credit Hours: 37

Program Courses:
- BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY * 4 CR. HRS.
- FCS 110 BASIC NUTRITION *** 2 CR. HRS.
- HLTH 120 FIRST AID *** 2 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY *** 3 CR. HRS.
- TM 110 INTRODUCTION TO MASSAGE THERAPY AND BODYWORK * 1 CR. HR.
- TM 111 FUNDAMENTAL MASSAGE TECHNIQUES 2 CR. HRS.
- TM 113 PROFESSIONAL ISSUES FOR THE BODYWORKER 1.5 CR. HRS.
- TM 112 APPLIED ANATOMY AND PHYSIOLOGY FOR THE BODYWORKER 3 CR. HRS.
- TM 114 PATHOLOGY, DOCUMENTATION, AND TERMINOLOGY FOR THE BODYWORKER 2.5 CR. HRS.
- TM 115 CONCEPTS OF HOLISTIC HEALTH 3 CR. HRS.
- TM 120 THERAPEUTIC MASSAGE CLINICAL I 1 CR. HR.
- TM 121 ADDRESSING THE MUSCLE 3.5 CR. HRS.
- TM 123 MASSAGE THERAPY TECHNIQUES, VARIATIONS, AND APPLICATIONS 3 CR. HRS.
- TM 125 APPLIED KINESIOLOGY FOR THE BODYWORKER 3 CR. HRS.
- TM 127 THERAPEUTIC MASSAGE CLINICAL II** 2.5 CR. HRS.

* Prerequisites for Massage Therapy Program
** Extended course that continues through the end of semester break ending mid-summer semester
*** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
Previous Semester (for pre-program courses): BIOL 140 (prerequisite); TM 110 (prerequisite); HLTH 120; FCS 110; PSY 110
1st Semester: TM 111; TM 112; TM 113; TM 114; TM 115
2nd Semester: TM 120 (eight weeks); TM 121; TM 123; TM 125; TM 127 (sixteen week course beginning second eight weeks)

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 66

Program Information: The mission of the Mechanical Engineering Technology Associate in Applied Science program is to prepare students to continue on for a bachelors degree in manufacturing engineering or industrial technology, or to enter the workforce in the manufacturing community.

Additional Program Info: The role of the Mechanical Engineering Technologist in industry is quite varied. They are often employed in the design office of a manufacturer. Some entry-level graduates construct 3D models of machines or parts. The career path of these graduates could lead to job titles of senior designer or design supervisor. Mechanical Engineering Technologists also work in product support, solving design-related problems, as service information technologists, write and develop service and repair instructions, applications engineers, who help equipment manufacturers design the correct bearings, pumps, motors, etc. into a wide range of products. Students develop a strong foundation in CAD software, analytical and rational problem solving skills, taking courses in mathematics, science, and machine design. Students can receive a bachelor's degree in Engineering Technology by transferring to Bradley University or one of several Illinois state universities.

Admission To the Program: Students applying for admission to the program should have high school transcripts and ACT scores or college transcripts sent to Enrollment Services. Math skills equivalent to two years of high school algebra and one year of high school geometry are required for admission to the program (two years of high school technical math or applied math equals one year of algebra). These courses are available at Illinois Central College for students wishing to upgrade their skills.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.

Mechanical Engineering Technology

GENERAL COURSES:

- ENGL 110  COMPOSITION I  3 CR. HRS.
- ENGL 201  TECHNICAL COMMUNICATIONS  3 CR. HRS.
- SOCIAL SCIENCE*  3 CR. HRS.
- MATH 137  TECHNICAL CALCULUS  3 CR. HRS.
- PHYS 112  TECHNICAL PHYSICS I  4 CR. HRS.
- COMM 110  COMMUNICATION: PROCESS AND PRACTICE  3 CR. HRS.
  or COMM 113  BUSINESS AND PROFESSIONAL SPEAKING  3 CR. HRS.

PROGRAM COURSES:

- MATH 130  TECHNICAL ALGEBRA AND TRIGONOMETRY  5 CR. HRS.
- MECTK 110  INTRODUCTION TO THE TOOLS OF TECHNOLOGY  3 CR. HRS.
- MECTK 121  INTRODUCTION TO MECHANICAL COMPUTER-AIDED DRAFTING  3 CR. HRS.
- MECTK 123  MECHANICAL DETAILING WITH CAD  3 CR. HRS.
- MECTK 125  3-D MODELING WITH CAD  3 CR. HRS.
- MECTK 138  MANUFACTURING PROCESSES I  3 CR. HRS.
- MECTK 201  MECHANISMS  3 CR. HRS.
- MECTK 204  STATICS AND STRENGTH OF MATERIALS  4 CR. HRS.
- MECTK 220  ADVANCED CAD PROJECTS  2 CR. HRS.
- MECTK 221  MACHINE DESIGN I  3 CR. HRS.
- MECTK 222  MACHINE DESIGN II  3 CR. HRS.
- MECTK 231  INDUSTRIAL FLUID POWER  3 CR. HRS.
- MECTK 232  MATERIALS SCIENCE AND PHYSICAL METALLURGY  3 CR. HRS.
- PHYS 113  TECHNICAL PHYSICS II  4 CR. HRS.
- WLDR 119  WELDING PROCESSES  2 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

Recommended Course Sequence:
1st Semester: MECTK 110; MECTK 121; MECTK 138; ENGL 110; MATH 130
2nd Semester: MECTK 123; WLDR 119; PHYS 112; MATH 137; COMM 110 or COMM 113; Social Science
3rd Semester: MECTK 231; MECTK 221; MECTK 204; MECTK 125; PHYS 113
4th Semester: MECTK 220; MECTK 222; MECTK 201; MECTK 232; ENGL 201
Certificate

Total Credit Hours: 26

Program Information: The mission of the Mechanical/Electrical Maintenance certificate program is to use lecture and hands-on laboratory experience to prepare students for employment in the maintenance mechanic and/or industrial electrical field by educating them in the knowledge, skills, and behaviors as an entry-level Mechanical/Electrical Technician.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Program Courses:

- **ELECTIVES** 20 CR. HRS.
- **MAT 106** APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.
- **MECTK 111** TECHNICAL DRAFTING 2 CR. HRS.

* Students should take the math placement test to determine math placement.

** Electrical Options: ELCTS 131, 132, 133; ELCTK 150 and MECTK 251
Mechanical Options are: MECTK 113, 138, 149, 150, 151, 152, 154, 155, 231, 250; and WLDTR 133

Recommended Course Sequence:
1st Semester: MAT 106; MECTK 111; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 40

Program Information: The mission of the Medical Assistant Certificate is to prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Additional Program Info: The practice of medical assisting directly influences the public’s health and well-being, and requires mastery of a complex body of knowledge and specialized skills requiring both formal education and practical experience. Medical assistants are multiskilled health professionals specifically educated to work in ambulatory settings performing administrative and clinical duties such as assessing patient’s vital signs and histories, preparing patients for procedures, assisting the physician with examinations and treatments, collecting and processing specimens, performing selected diagnostic tests, performing electrocardiograms, and administration of medications as directed by the physician.

Accreditation: Commission on Accreditation of Allied Health Education Programs (CAAAHEP) is responsible for establishing criteria for the medical assistant program and conducts accrediting activities designed to ensure that educational programs meet minimum entry level criteria. CAAHEP grants accreditation of medical assisting programs upon the recommendations of the Medical Assisting Education Review Board. Graduates from this CAAHEP-accredited medical assisting program are eligible to take the CMA (AAMA) Certification Exam.

Admission To the Program: Criteria for admission include: (1) graduation from high school or equivalent; (2) an ACT composite score of 14 or above (tested prior to October 28, 1989) or 17 or above (tested October 28, 1989 or later); (3) at least a “C” average in courses taken at other colleges, in the case of transfer students; (4) at least a “C” average in 9 or more semester hours of approved courses taken at ICC, in the case of students not initially admissible to the program; (5) One year of high school algebra or MAT 094 with a grade of “C” or better or math placement into MAT 098; (6) HLTH 121 with grade of “C” or better. Placement scores into TYPE 121, ENGL 110 and READ 115. Recommended high school subjects: (1) 3 years of English; (2) 1 year of algebra; (3) word processing (4) Biology. Upon Acceptance into the Program: A drug screen, fingerprint background check, physical exam and immunizations will be required upon admission to the program. Proof of current CPR certification is required: American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) level or American Red Cross (ARC) Professional Rescuer level by the date specified by the instructor (proof of certification must be in the form of an original or photocopy of course completion card issued by either AHA or ARC). Deadline for providing proof of current CPR certification is April 1 of the program’s Spring Semester.

To Remain in and Graduate From the Program: Student must attain a grade of “C” or better in all required program courses to remain in and graduate from the program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

---

Medical Assistant

PROGRAM COURSES:

- **BIO1 140** HUMAN ANATOMY AND PHYSIOLOGY* 4 CR. HRS.
- **MLT1 110** INTRODUCTION TO THE MEDICAL LABORATORY AND PHLEBOTOMY* 2 CR. HRS.
- **ENGL 110** COMPOSITION I 3 CR. HRS.
- **HEOCC 200** DISEASE PROCESSES IN MAN* 3 CR. HRS.
- **HLTH 071** BASIC ELECTROCARDIOGRAMS* 1 CR. HR.
- **HLTH 120** FIRST AID* 2 CR. HRS.
- **MEDO 110** MEDICAL ASSISTANT ADMINISTRATIVE SKILLS* 4 CR. HRS.
- **MEDO 111** MEDICAL ASSISTANT CLINICAL PROCEDURES* 4 CR. HRS.
- **MEDO 112** MEDICAL OFFICE COMPUTER SKILLS* 1 CR. HR.
- **MEDO 115** INTRODUCTION TO ICD-10-CM AND ICD-10-PCS CODING* 3 CR. HRS.
- **MEDO 117** INTRODUCTION TO CURRENT (CPT) CODING* PROCEDURAL TERMINOLOGY 2 CR. HRS.
- **MEDO 119** INTRODUCTION TO PHARMACOLOGY FOR MEDICAL ASSISTANTS* 2 CR. HRS.
- **MEDO 125** MEDICAL ASSISTANT PRACTICUM* 3 CR. HRS.
- **MLT1 112** PHLEBOTOMY CLINICAL PRACTICUM* 2 CR. HRS.
- **MEDO 114** CLINICAL LABORATORY SKILLS FOR MEDICAL ASSISTANTS* 4 CR. HRS.

* All courses with the exception of ENGL 110 must be completed within (5) years of admission to the program.

Recommended Course Sequence:

1st Semester: ENGL 110; BIO1 140; MEDO 110; MEDO 112; MEDO 117
2nd Semester: MEDO 111; MEDO 115; MLT1 110; HEOCC 200; HLTH 071; HLTH 120
Summer Semester 1: MEDO 114; MLT1 112
3rd Semester: MEDO 125; MEDO 119

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 27

Program Information: The mission of the Medical Coder Certificate program is to provide knowledge, skills, and professional attitude for an entry-level medical coder position in medical offices, hospitals, clinics, skilled-care facilities, insurance companies, billing offices, and governmental agencies.

Additional Program Info: The Medical Coder Certificate is intended to provide students with entry-level skills needed to gain employment as a medical coder. This program will prepare students to gain a working knowledge of medical language and the International Classification of Diseases (ICD-10) and Current Procedural Terminology (CPT) coding system skills used to determine and secure appropriate reimbursement for services rendered by health care providers. This program can be completed in approximately three (3) semesters of study as outlined below. Upon completion, students can expect to be employed in a variety of health care settings such as hospitals, physician offices, billing services and insurance companies.

Admission To the Program: Admission criteria for this program include: (1) high school graduate or equivalent; (2) one year of high school biology with a "C" or better; (3) ACT composite score of 14 or above (tested prior to October 28, 1989) or 17 or above (tested October 28, 1989 or later); (4) at least a "C" average in 9 or more semester hours of approved courses taken at ICC if not initially admissible to the program; (5) placement score into READ 115.

High school recommendations: 3 years English and 2 years typing

To Remain in and Graduate From the Program: Students must attain a grade of "C" or better in all coursework to remain in and graduate from program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Medical Coder

PROGRAM COURSES:

- **Biol 205**  PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I *  4 CR. HRS.
- **Biol 206**  PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II *  4 CR. HRS.
- **HEOCC 112**  INTRODUCTION TO PHARMACOLOGY ****  2 CR. HRS.
- **HEOCC 200**  DISEASE PROCESSES IN MAN ****  3 CR. HRS.
- **HEOCC 220**  LEGAL ISSUES IN HEALTH CARE  1 CR. HR.
- **HLTH 121**  MEDICAL TERMINOLOGY ****  2 CR. HRS.
- **MEDO 112**  MEDICAL OFFICE COMPUTER SKILLS**  1 CR. HR.
- **MEDO 115**  INTRODUCTION TO ICD-10-CM AND ICD-10-PCS CODING  3 CR. HRS.
- **MEDO 117**  INTRODUCTION TO CURRENT PROCEDURAL TERMINOLOGY (CPT) CODING  2 CR. HRS.
- **MEDO 118**  CODING INTERNSHIP***  2 CR. HRS.
- **MEDO 120**  INTERMEDIATE ICD-10-CM  3 CR. HRS.

* BIOL 205 and 206 must be completed within 5 years of admission into the program.
** Or a department-approved computer course
*** Arranged by the program coordinator upon completion of all program courses
**** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: HLTH 121; BIOL 205; MEDO 112; HEOCC 220
2nd Semester: BIOL 206; HEOCC 112; MEDO 117; HEOCC 200
Summer Semester 1: MEDO 115
3rd Semester: MEDO 120
4th Semester: MEDO 118

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science
Total Credit Hours: 65 to 69

Program Information: The mission of the Medical Laboratory Technician program is to prepare its graduates to attain entry level skills for practice in a clinical laboratory by providing the resources, curriculum, and clinical experiences to its students.

Additional Program Info: Under the supervision of Medical Laboratory Scientists, MLTs perform most of the common laboratory tests in a medical laboratory. They examine and analyze body fluids and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusion; and test for drug levels in the blood that show how a patient is responding to treatment. The MLTs use microscopes, cell counters, and other high-tech, computer-operated laboratory equipment. After testing and examining the samples, they analyze the results and relay them to the physicians. Those test results help doctors determine the right treatments for patients—and occasionally lead to extraordinary breakthroughs. Clinical experiences are provided in laboratories in Illinois and Iowa: American Red Cross, UnityPoint Health - Methodist, Proctor Hospital, OSF Saint Francis Medical Center, Illinois CancerCare, and Veterans Administration Clinic; Pecor; Advocate BroMenn Medical Center; Normal; Advocate Eureka Hospital; Eureka; Graham Hospital; Canton; Hopedale MedicalComplex, Hopedale; Mason District Hospital, Havana; Kewanee Hospital, Kewanee; OSF St. Mary's Medical Center and Cottage Hospital, Galesburg; Pekin Hospital; Pekin; OSF St. Joseph Medical Center, Bloomington; OSF Holy Family Medical Center, Monmouth; Abraham Lincoln Memorial Hospital, Lincoln; OSF Saint James – John W. Albrecht Medical Center, Pontiac; St. Margaret's Hospital, Spring Valley; Perry Memorial Hospital, Princeton; Illinois Valley Community Hospital, Peru; and Great River Medical Center, West Burlington, Iowa.

Accreditation: Graduates are eligible to take the examination for certification as a medical laboratory technician given by the Board of Certification (BOC) of the American Society for Clinical Pathology (ASCP). The MLT Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018. The minimum ACT composite score of 20 or above (18 or above if tested prior to October 28, 1989); (3) at least a “C” average in courses taken at another college, in the case of transfer students; (4) at least a “C” average in 18 or more approved semester hours taken at Illinois Central College, in the case of students not initially admissible to the program; (5) completion of high school chemistry or equivalent; (6) MAT 098 with a grade of “C” or better or a math placement test score into MATH 115; (7) mandatory observation in a clinical laboratory or MLT student laboratory; (8) drug screen, criminal background check, physical exam, and immunizations, will be required as a condition of enrollment. Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule to meet Illinois Central College, degree, and program requirements.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Medical Laboratory Technician

GENERAL COURSES:
- BIOL 140 or BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY *** 4 CR. HRS.
- and BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II *** 4 CR. HRS.
- HUMANITIES/FINE ARTS *** 3 CR. HRS.
- BIOL 210 MICROBIOLOGY *** 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE *** 3 CR. HRS.
- ENGL 110 COMPOSITION I *** 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY *** 3 CR. HRS.

PROGRAM COURSES:
- CHEM 120 or CHEM 130 PRINCIPLES OF CHEMISTRY I *** 4 CR. HRS.
- and CHEM 132 PRINCIPLES OF CHEMISTRY II *** 4 CR. HRS.
- and MLT 101 INTRO TO MEDICAL LABORATORY SCIENCE *** 1 CR. HR.
- and MLT 102 INTRODUCTION TO GENERAL MEDICAL LABORATORY TECHNIQUES *** 2 CR. HRS.
- MLT 115 FUNDAMENTALS OF URINALYSIS AND BODY FLUIDS 3 CR. HRS.
- MLT 116 FUNDAMENTALS OF IMMUNOLOGY AND SEROLOGY 2 CR. HRS.
- MLT 210 FUNDAMENTALS OF HEMATOLOGY AND HEMOSTASIS 3 CR. HRS.
- MLT 214 FUNDAMENTALS OF CLINICAL CHEMISTRY 2.5 CR. HRS.
- MLT 216 FUNDAMENTALS OF IMMUNOHEMATOLOGY 4 CR. HRS.
- MLT 218 FUNDAMENTALS OF CLINICAL MICROBIOLOGY 3 CR. HRS.
- MLT 220 ADVANCED CLINICAL HEMATOLOGY 2 CR. HRS.
- MLT 224 ADVANCED CLINICAL CHEMISTRY 2 CR. HRS.
- MLT 222 APPLIED CLINICAL EXPERIENCE I 4 CR. HRS.
- MLT 228 ADVANCED CLINICAL MICROBIOLOGY 2.5 CR. HRS.
- MLT 230 PROFESSIONAL SEMINAR 2 CR. HRS.
- MLT 232 APPLIED CLINICAL EXPERIENCE II 5 CR. HRS.

Recommended Course Sequence:
1st Semester: BIOL 140 or BIOL 205 and BIOL 206; CHEM 120 or CHEM 130, ENGL 110, PSY 110, Humanities/Fine Arts, MLT 101 or MLT 110
2nd Semester: CHEM 122 or CHEM 132, BIOL 210, COMM 110, MLT 102 or MLT 110
Summer Semester 1: MLT 115, MLT 116
3rd Semester: MLT 210, MLT 214, MLT 216, MLT 218, MLT 222
4th Semester: MLT 220, MLT 224, MLT 228, MLT 230, MLT 232

The following courses may be taken to develop additional skills for the MLT graduate or for the student interested in employment in histology laboratory. Courses are offered in cooperative agreement with OSF Saint Francis Medical Center and ICC. Graduates of the Histotechnology Certificate Program are eligible to take the histologic technician certification examination by The American Society for Clinical Pathology (ASCP).

- MEDLB 125 HISTOLOGY I: GENERAL TECHNIQUES 8 SEM. HRS.
- MEDLB 126 HISTOLOGY II: SPECIAL STAINS 5 SEM. HRS.

Prerequisite: An associate degree or higher is required.

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

**Total Credit Hours:** 31

**Program Information:** The mission of the Medical Office Administrative Assistant Certificate program is to provide the curriculum and experiences to enable graduates to attain knowledge, attitudes, and skills to perform as an entry-level medical office administrative assistant.

**Additional Program Info:** Medical Office Administrative Assistants are specifically educated to work in ambulatory settings performing administrative duties. The administrative program develops such necessary skills as arranging patient appointments, communicating with the public in person and by telephone, basic bookkeeping, ordering equipment and supplies, and completing medical forms. This program is a one-year certificate, non-accredited program.

**Admission To the Program:** Criteria for admission include: (1) graduation from high school or equivalent; (2) an ACT composite score of 14 or above (tested prior to October 28, 1989) or 17 or above (tested October 28, 1989 or later); (3) at least a "C" average in courses taken at other colleges, in the case of transfer students; (4) at least a "C" average in 9 or more semester hours of approved courses taken at Illinois Central College, in the case of students not initially admissible to the program; (5) one semester of high school word processing or equivalent; (6) HLTH 121 with a grade of "C" or better. Placement scores into ENGL 110 and MATH 094. Recommended High School Subjects: (1) 3 years of English; (2) 1 year of Pre-Algebra; (3) one semester of high school word processing or equivalent.

**Upon Acceptance into the Program:** A drug screen, fingerprint background check, physical exam and immunizations will be required upon acceptance into this program. Proof of current CPR certification is required: American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) level or American Red Cross (ARC) Professional Rescuer level by the date specified by the instructor (proof of certification must be in the form of an original or photocopy of course completion card issued by either AHA or ARC). Deadline for providing proof of current CPR certification is December 1 of the program's fall semester.

**To Remain in and Graduate From the Program:** Student must attain a grade of "C" or better in all required program courses to remain in and graduate from the program.

**Contact Information:**
Health Careers Department
Thomas Building
(309) 999-4600

---

**Medical Office Administrative Assistant**

**PROGRAM COURSES:**

- **ACCTG 105**  **BOOKKEEPING/ACCOUNTING I** **3 CR. HRS.**
- **BIOL 106**  **HUMAN BIOLOGY** **4 CR. HRS.**
- **or BIOL 140**  **HUMAN ANATOMY AND PHYSIOLOGY** **4 CR. HRS.**
- **BUS 121**  **PRINCIPLES OF CUSTOMER SERVICE** **3 CR. HRS.**
- **ENGL 110**  **COMPOSITION I** **3 CR. HRS.**
- **HEOCC 112**  **INTRODUCTION TO PHARMACOLOGY** **2 CR. HRS.**
- **MEDO 110**  **MEDICAL ASSISTANT ADMINISTRATIVE SKILLS** **4 CR. HRS.**
- **MEDO 112**  **MEDICAL OFFICE COMPUTER SKILLS** **1 CR. HR.**
- **MEDO 115**  **INTRODUCTION TO ICD-10-CM AND ICD-10-PCS CODING** **3 CR. HRS.**
- **MEDO 117**  **INTRODUCTION TO CURRENT PROCEDURAL TERMINOLOGY (CPT) CODING** **2 CR. HRS.**
- **MEDO 122**  **MEDICAL OFFICE ADMINISTRATIVE PRACTICUM** **3 CR. HRS.**
- **TYPE 121**  **KEYBOARDING/WORD PROCESSING II** **3 CR. HRS.**

* All courses within the program must be completed within (5) years of admission to the program excluding ENGL 110.

**Recommended Course Sequence:**

1st Semester: MEDO 110; MEDO 112; BIOL 106 or BIOL 140; TYPE 121; MEDO 115
2nd Semester: MEDO 122; ACCTG 105; MEDO 117; HEOCC 112; BUS 121; ENGL 110

---

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 27

Program Information: This certificate program prepares graduates for technical positions in the expanding field of electrical/mechanical systems installation and service. A person interested in pursuing education and employment in this area should have high mechanical aptitude. This program is also intended for the individual who wishes to upgrade skills or prepare for a career as a multi-skilled maintenance technician.

Admission To the Program: Successful completion of MAT 106 with a grade of "C" or better or MATH 115 or higher with a grade of "C" or better or appropriate COMPASS score or department approval.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Multi-Skilled Maintenance

PROGRAM COURSES:

- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY* 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.
- ELCTK 150 INDUSTRIAL ELECTRICITY 4 CR. HRS.
- MACTR 110 PRINT READING - MECHANICAL 3 CR. HRS.
- MECTK 149 BASIC POWER TRANSMISSION 2 CR. HRS.
- MECTK 152 INDUSTRIAL RIGGING 2 CR. HRS.
- MECTK 231 INDUSTRIAL FLUID POWER* 3 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES** 7 CR. HRS.

* Successful completion of MAT 106 or higher with a grade of "C" or better prerequisite to enroll in this course

** ELCTK 151; ELCTK 215; MECTK 150; MECTK 151; MECTK 252

Recommended Course Sequence:
Previous Semester (for pre-program courses): MAT 106 or higher
1st Semester: ELCTS 131, ELCTS 132, ELCTS 133, MACTR 110, MECTK 149, Elective
2nd Semester: ELCTK 150, MECTK 152, MECTK 231, Elective, Elective (if needed)

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Multi-Skilled Maintenance Technology

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 201 TECHNICAL COMMUNICATIONS 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.
- PHYS 104 PRE-TECHNICAL PHYSICS 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.

**PROGRAM COURSES:**
- ELCTK 150 INDUSTRIAL ELECTRICITY 4 CR. HRS.
- ELCTK 151 ELECTRICAL SYSTEMS TROUBLESHOOTING 3 CR. HRS.
- ELCTK 215 PROGRAMMABLE CONTROLLERS 4 CR. HRS.
- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.
- MACTR 110 PRINT READING - MECHANICAL 3 CR. HRS.
- MACTR 121 MACHINE TOOL OPERATION I 3 CR. HRS.
- MATH 130 TECHNICAL ALGEBRA AND TRIGONOMETRY 5 CR. HRS.
- MECTK 149 BASIC POWER TRANSMISSION 2 CR. HRS.
- MECTK 150 MECHANICAL SYSTEMS I 2 CR. HRS.
- MECTK 151 MECHANICAL SYSTEMS II 2 CR. HRS.
- MECTK 152 INDUSTRIAL RIGGING 2 CR. HRS.
- MECTK 231 INDUSTRIAL FLUID POWER 3 CR. HRS.
- MECTK 252 ADVANCED TROUBLESHOOTING 3 CR. HRS.
- NCTK 212 N/C MACHINING, LATHE 2 CR. HRS.
- WLDTR 133 WELDING FOR MAINTENANCE MECHANICS 3 CR. HRS.

* Economics and Psychology are recommended as social science electives.

Recommended Course Sequence:
1st Semester: MACTR 110; MECTK 149; MECTK 150; ELCTS 131; MAT 106; ENGL 110
2nd Semester: MECTK 151; MECTK 152; ELCTS 132; ELCTS 133; MACTR 121; PHYS 104
3rd Semester: ELCTK 150; ELCTK 151; MECTK 231; COMM 110; NCTK 212; MATH 130
4th Semester: MECTK 252; ELCTK 215; ENGL 201; WLDTR 133; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 61

Program Information: The multimedia career degree prepares individuals to work in a multimedia field. This program of study emphasizes basic technical proficiency with industry standard software and hardware; teaches preproduction, production, and postproduction skills; and explores creative problem solving with respect to multimedia. Upon completion of the degree, students will have created a portfolio of their work as required by the multimedia industry.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

---

Multimedia

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- ART 151 ART HISTORY II 3 CR. HRS.

PROGRAM COURSES:
- GCOMM 245 WEB PUBLISHING WITH ADOBE DREAMWEAVER 3 CR. HRS.
- GCOMM 247 ADVANCE WEB PUBLISHING WITH ADOBE DREAMWEAVER AND FLASH 3 CR. HRS.
- GCOMM 248 MODELING AND ANIMATION WITH AUTODESK MAYA 3 CR. HRS.
- GRDSN 140 GRAPHIC DESIGN I 3 CR. HRS.
- MCOMM 217 AUDIO PRODUCTION 3 CR. HRS.
- MM 130 MULTIMEDIA SOFTWARE TOPICS*** 1-4 CR. HRS.
- MM 140 MULTIMEDIA PRODUCTION I 3 CR. HRS.
- MM 142 DIGITAL PHOTOGRAPHY 3 CR. HRS.
- MM 150 MULTIMEDIA THEORY 3 CR. HRS.
- MM 230 DIGITAL VIDEO PRODUCTION 3 CR. HRS.
- MM 231 VIDEO SPECIAL EFFECTS 3 CR. HRS.
- MM 241 MULTIMEDIA AUTHORING 5 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVE** 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** MM 255 Independent Study is offered as an additional elective course
*** Must complete 4 credit hours of MM 130

Recommended Course Sequence:
1st Semester: MM 130; MM 140; GRDSN 140; GCOMM 245; ART 151
2nd Semester: MM 142; MM 150; GCOMM 248; MCOMM 217; COMM 110
3rd Semester: MM 230; MM 231; Laboratory Science; ENGL 110
4th Semester: MM 241; Approved Elective; GCOMM 247; Mathematics; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 30 to 33

Program Information: The multimedia certificate is designed for individuals who are interested in quickly acquiring entry-level multimedia related skills. This twelve-month program targets people who already have a college degree and wish to change fields, displaced workers who need re-training in a new discipline, and individuals whose educational goals do not include a college degree. Individuals completing the multimedia certificate will learn technical and creative skills for designing, authoring, and producing multimedia projects and presentations. Students completing this certificate will develop a creative portfolio, as is expected by employers.

Additional Program Info: Students enrolled in the Multimedia certificate program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Multimedia

PROGRAM COURSES:

- GRDSN 140 GRAPHIC DESIGN I 3 CR. HRS.
- MM 130 MULTIMEDIA SOFTWARE TOPICS 1-4 CR. HRS.
- MM 140 MULTIMEDIA PRODUCTION I 3 CR. HRS.
- MM 142 DIGITAL PHOTOGRAPHY 3 CR. HRS.
- MM 150 MULTIMEDIA THEORY 3 CR. HRS.
- MM 230 DIGITAL VIDEO PRODUCTION 3 CR. HRS.
- MM 231 VIDEO SPECIAL EFFECTS 3 CR. HRS.
- MM 241 MULTIMEDIA AUTHORING 5 CR. HRS.

ELECTIVE COURSES:

- APPROVED ELECTIVES 6 CR. HRS.

Recommended Course Sequence:
Previous Semester (for pre-program courses): GRDSN 140; MM 140
1st Semester: MM 130; MM 230; MM 231; MM 142
2nd Semester: MM 150; MM 241; Approved Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 65 to 66

Program Information: The mission of the Associate in Applied Science Network Administrator degree program is to prepare students for employment as network administrators, through training to install, configure, maintain, and troubleshoot network operating systems as well as how to install, configure, maintain and troubleshoot network connectivity devices, in Windows and Unix operating systems, as well as Cisco switches and routers.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

---

Network Administrator

GENERAL COURSES:
- ENGLISH* 3 CR. HRS.
- COMMUNICATION* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 7 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- CMCIS 151 NETWORK FUNDAMENTALS 4 CR. HRS.
- CMCIS 152 ROUTING PROTOCOLS AND CONCEPTS 4 CR. HRS.
- CMCIS 153 LAN SWITCHING 4 CR. HRS.
- CMCIS 154 WAN COMMUNICATION 4 CR. HRS.
- CMCIS 156 CCNA VOICE
  or CMCIS 157 CCNA WIRELESS
  or CMCIS 158 CCNA SECURITY 3 CR. HRS.
- CMNET 140 WINDOWS ADMINISTRATION 3 CR. HRS.
- CMNET 150 COMPUTER HARDWARE INFRASTRUCTURE 3 CR. HRS.
- CMNET 165 HELP DESK CONCEPTS 3 CR. HRS.
- CMNET 210 WINDOWS SERVER ADMINISTRATION 3 CR. HRS.
- CMNET 220 NETWORK INFRASTRUCTURE ADMINISTRATION 3 CR. HRS.
- CMNET 230 DIRECTORY SERVICE ADMINISTRATION 3 CR. HRS.
- CMNET 250 ADVANCED SECURITY TOPICS 3-4 CR. HRS.
- CMNET 270 MESSAGING INFRASTRUCTURE ADMINISTRATION 3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVE** 3 CR. HRS.

* See specific requirements for Associate in Applied Science degree.
** Approved Electives: Any CMNET, CMCIS, CMWEB, or CMPSC 115 or higher; or others with department approval

Recommended Course Sequence:
1st Semester: CMCIS 151; CMNET 140; CMNET 150; CMNET 165; English;
2nd Semester: CMCIS 152; CMNET 210; Social Science; Laboratory Science/Mathematics
Summer Semester 1: Communication
3rd Semester: CMCIS 153; CMNET 220; CMNET 230; Social Science; Humanities
4th Semester: CMCIS 154; CMNET 250; CMNET 270; CMCIS 156 or CMCIS 157 or CMCIS 158; Approved Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 34 to 35

Program Information: The mission of the Networking Certificate is to offer students a working knowledge of the principles, techniques, and skills required to set up and maintain a networking environment, so that individuals following this sequence of courses are prepared for employment or enhancement of their skills as a network technician or network administrator.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Admission To the Program: Students are expected to be proficient in the use of the Windows operating system. Proficiency may be exhibited by completing CMGEN 110 with a grade of "C" or better or by passing the CMGEN 110 Proficiency Exam.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Networking

PROGRAM COURSES:

- CMCIS 151 NETWORK FUNDAMENTALS 4 CR. HRS.
- CMNET 130 WINDOWS COMMAND LINE 3 CR. HRS.
- CMNET 140 WINDOWS ADMINISTRATION 3 CR. HRS.
- CMNET 150 COMPUTER HARDWARE INFRASTRUCTURE 3 CR. HRS.
- CMNET 165 HELP DESK CONCEPTS 3 CR. HRS.
- CMNET 190 WIRELESS NETWORKING 3 CR. HRS.
- CMNET 210 WINDOWS SERVER ADMINISTRATION 3 CR. HRS.
- CMNET 220 NETWORK INFRASTRUCTURE ADMINISTRATION 3 CR. HRS.
- CMNET 230 DIRECTORY SERVICE ADMINISTRATION 3 CR. HRS.
- CMNET 250 ADVANCED SECURITY TOPICS 3-4 CR. HRS.
- CMNET 280 FIREWALL ADMINISTRATION 3 CR. HRS.

Recommended Course Sequence:
1st Semester: CMCIS 151; CMNET 130; CMNET 140; CMNET 150; CMNET 210
2nd Semester: CMNET 165; CMNET 190; CMNET 220; CMNET 230; CMNET 250; CMNET 280

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 6

Program Information: The mission of the Nursing Assistant Certificate program is to provide the resources, curriculum, and clinical experiences to enable program completers to attain entry-level employment as nursing assistants in long-term care facilities, hospitals, and other health care settings.

Additional Program Info: Lecture/laboratory hours in addition to clinical experience are included in the program. The Nursing Assistant, under the direction and supervision of a Registered Nurse or LPN, functions as a member of the health care team in the nursing home, hospital, or home health setting. Theory and practical application in basic nursing skills, observation, and reporting of client/resident signs and symptoms are presented. Course work is taken at Illinois Central College campuses or other off-site locations. Program completers are eligible to take the Nurse Aide Competency Exam and become certified by the State of Illinois.

Accreditation: The Nursing Assistant Program is approved by the Illinois Department of Public Health. Graduates are eligible to take the Nurse Aide Competency Evaluation Program (NACEP) and become certified by the state of Illinois.

Admission To the Program: Admissions criteria include: (1) score of 62 or better on the COMPASS score reading criteria; (2) drug screen, FeeApp criminal background check, physical exam, and required immunizations; (3) completion of CPR for the Healthcare Provider or concurrent enrollment in HLTH 041.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Nursing Assistant

PROGRAM COURSES:

- HLTH 112 BASIC NURSE ASSISTANT TRAINING PROGRAM (BNATP) 5 CR. HRS
- HLTH 116 NURSE ASSISTANT TRAINING 1 CR. HR

Recommended Course Sequence:
1st Semester: HLTH 112; HLTH 116

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 68 to 69

Program Information: The mission of the Associate in Applied Science Occupational Therapy Assistant program is to prepare students to attain knowledge, develop assessment and intervention skills, and uphold ethical standards, values, and professional attitudes.

Additional Program Info: The certified occupational therapy assistant collaborates with the supervising occupational therapist to provide the use of occupations (everyday life activities) with individuals and/or groups. These occupations include ADLs (activities of daily living), education, work, play, and social participation. Occupational therapy assistants provide services that will enhance health, well-being and quality of life with clients impacted in areas of physical, cognitive, psychosocial and sensory dysfunction. The occupational therapy assistant may be employed in diverse work settings. These settings include hospitals, skilled nursing facilities, out-patient programs, schools, community based health agencies, behavioral health programs, home health agencies and more.

Accreditation: The Occupational Therapy Assistant Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20854-1220. ACOTE’s telephone number is (301) 652-AOTA. Graduates of the program will be eligible to sit for the National Certification Examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT), questions will be asked related to the topic of felonies. NBCOT contact information is 800 S. Frederick Ave., Suite 500, Gaithersburg MD 20877-4150, (301) 990-7979. After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). Credentialing is a function of the NBCOT, not Illinois Central College or the American Occupational Therapy Association.

Admission To the Program: Admission criteria include: (1) graduation from high school, or equivalent; (2) placement test scores into ENGL 110 and READ 115; (3) an ACT composite score of 18 or above (tested prior to October 28, 1989) 20 or above (tested October 28, 1989 or later); (4) one year high school science with a "C" average or better; (5) one year high school math with at least a "C" average or better; (6) at least a "C" average in courses taken at other colleges, in the case of transfer students; (7) at least a "C" average in 18 or more semester hours of approved courses taken at ICC, for students not initially admissible to the program including a course in reading and study skills; (8) 12 hours of documented observation in occupational therapy departments in at least two different type settings. A drug screen, fingerprint background check, physical examination and immunizations will be required following program acceptance. Also upon acceptance, students will be required to submit proof of current CPR certification; American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) or American Red Cross (ARC) Professional Rescuer by specified date. Proof of certification must be in the form of an original or photocopy of course completion card issued by either the AHA or ARC. Students are required to maintain current CPR certification throughout the program. Recommended high school courses: (1) 1 year of art; (2) 2 years of science; (3) 1 year of keyboarding; (4) 2 years of mathematics; (5) 3 years of English.

To Remain in and Graduate From the Program: Student must attain a grade of "C" or better in required OTA program and general education courses to remain in and graduate from program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Occupational Therapy Assistant

GENERAL COURSES:

- ENGL 110 COMPOSITION I *** 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE *** 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY *** 3 CR. HRS.
- BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY ***** 4 CR. HRS.
- or BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I ***** 4 CR. HRS.
- and BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II ***** 4 CR. HRS.
- or HUMANITIES ***** 3 CR. HRS.

PROGRAM COURSES:

- HEOCC 200 DISEASE PROCESSES IN MAN *** 3 CR. HRS.
- HEOCC 230 HEALTH CARE ORGANIZATION AND RESOURCES 1 CR. HR.
- HEOCC 220 LEGAL ISSUES IN HEALTH CARE 1 CR. HR.
- or CHILD 120 HUMAN GROWTH AND DEVELOPMENT *** 3 CR. HRS.
- or PSY 202 CHILD AND ADOLESCENT DEVELOPMENT *** 3 CR. HRS.
- or OTA 110 FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT I 3 CR. HRS.
- or OTA 111 FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT II 5 CR. HRS.
- or OTA 112 PSYCHOSOCIAL DYSFUNCTION FOR THE OCCUPATIONAL THERAPY ASSISTANT 3 CR. HRS.
- or OTA 114 THERAPEUTIC MEDIA 4 CR. HRS.
- or OTA 118 FUNCTIONAL ANATOMY FOR THE OCCUPATIONAL THERAPY ASSISTANT 3 CR. HRS.
- or OTA 210 FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT III 4 CR. HRS.
- or OTA 211 FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT III 4 CR. HRS.
- or OTA 212 OCCUPATIONAL THERAPY ASSISTANT PRACTICE I 4 CR. HRS.
- or OTA 213 OCCUPATIONAL THERAPY ASSISTANT PRACTICE II 6 CR. HRS.
- or OTA 220 MANAGEMENT AND PROGRAM DEVELOPMENT 2 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** BIOL 140 within 5 years of admission into the program with a grade of "C" or better
*** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: BIOL 140; PSY 110; CHILD 120 or PSY 202; OTA 110; OTA 114
2nd Semester: PSY 220; HEOCC 200; OTA 111; OTA 112; OTA 118
Summer Semester 1: COMM 110; Mathematics/Laboratory Science
3rd Semester: ENGL 110; HEOCC 220; HEOCC 230; OTA 210; OTA 212;
4th Semester: OTA 211; OTA 213; OTA 220; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 42

Program Information: The mission of the Office and Information Processing Management certificate is to provide the experienced office employee with a background in business organization and operation, as well as management training necessary for advancement to supervisory positions in offices.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Admission To the Program: Students are expected to be computer literate, to know the Windows operating system, and be able to touch type. If this is not the case, TYPE 120 and 121 are prerequisites for entering this program. Contact the Business, Hospitality, and Information Systems Department for information regarding the TYPE 120 placement exam and the TYPE 121 proficiency exam.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Office and Information Processing Management

PROGRAM COURSES:

- ACCTG 120  FINANCIAL ACCOUNTING  4 CR. HRS.
- ACCTG 121  MANAGERIAL ACCOUNTING  4 CR. HRS.
- BUS 120  BUSINESS MATHEMATICS  3 CR. HRS.
- BUS 200  HUMAN RELATIONS IN BUSINESS  3 CR. HRS.
- BUS 215  LEGAL ENVIRONMENT OF BUSINESS  3 CR. HRS.
- ENGL 110  COMPOSITION I
  or
- ENGL 125  BUSINESS COMMUNICATIONS  3 CR. HRS.
- MGMT 113  PRINCIPLES OF MANAGEMENT  3 CR. HRS.
- MGMT 205  PERSONNEL MANAGEMENT  3 CR. HRS.
- MGMT 214  MANAGING TECHNOLOGY IN THE OFFICE  3 CR. HRS.
- MGMT 215  OFFICE MANAGEMENT  3 CR. HRS.
- OFACS 132  ELECTRONIC SPREADSHEETS  3 CR. HRS.
- OFACS 133  DATABASE MANAGEMENT SYSTEMS  3 CR. HRS.
- OFOCC 111  TELEPHONE SKILLS FOR THE OFFICE  1 CR. HR.
- OFOCC 210  ADMINISTRATIVE OFFICE PROCEDURES  3 CR. HRS.

Recommended Course Sequence:
1st Semester: OFOCC 111; OFACS 133; ENGL 110 or ENGL 125; BUS 120; MGMT 113
2nd Semester: ACCTG 120; OFACS 132; MGMT 215; MGMT 205
3rd Semester: ACCTG 121; OFOCC 210; MGMT 214; BUS 200; BUS 215

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 60

Program Information: The mission of the Associate in Applied Science Office Professional degree is to prepare students for employment in clerical or word processing positions such as receptionists, secretaries, administrative assistants, clerks, word processors, and transcriptionists, through a series of skill-building courses in keyboarding, electronic equipment operation, information processing, software applications and integration, office procedures, bookkeeping, and records management.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. This is not designed as a transfer program, although some of the courses may transfer with approval from the four-year college.

Admission To the Program: Students are expected to be computer literate and to know the Windows operating system. Students are expected to be able to touch type. If this is not the case, TYPE 120 and 121 are prerequisites for entering this program.

To Remain in and Graduate From the Program: Students should submit a complete an “Application for Degree/Certificate” after completing 45 hours. The form is available in Enrollment Services, L211. Contact the Business, Hospitality, and Information Systems Department for information regarding the TYPE 120 placement exam and the TYPE 121 proficiency exam.

Contact Information: Business, Hospitality, and Information Systems Department East Peoria Campus Technology Center Room 205 (309) 694-5558

Office Professional

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- ACCTG 105 BOOKKEEPING/ACCOUNTING I 3 CR. HRS.
- OFACS 125 POWERPOINT 1 CR. HR.
- OFACS 126 OUTLOOK 1 CR. HR.
- OFACS 132 ELECTRONIC SPREADSHEETS 3 CR. HRS.
- OFACS 133 DATABASE MANAGEMENT SYSTEMS 3 CR. HRS.
- OFACS 211 INTEGRATED OFFICE PROJECTS 3 CR. HRS.
- OFOCC 111 TELEPHONE SKILLS FOR THE OFFICE 1 CR. HR.
- OFOCC 114 FUNDAMENTALS OF TRANSCRIPTION 3 CR. HRS.
- OFOCC 151 PROFESSIONAL DEVELOPMENT FOR OFFICE EMPLOYEES 3 CR. HRS.
- OFOCC 200 MACHINE TRANSCRIPTION AND SPECIALIZED TERMINOLOGY 2 CR. HRS.
- OFOCC 205 FUNDAMENTALS OF RECORDS CONTROL 3 CR. HRS.
- OFOCC 210 ADMINISTRATIVE OFFICE PROCEDURES 3 CR. HRS.
- TYPE 142 TYPING SPEED DEVELOPMENT TO 60 NWPM** 1 CR. HR.
- WP 122 KEYBOARD/WORD PROCESSING III 4 CR. HRS.
- WP 161 DATA ENTRY 1 CR. HR.

ELECTIVE COURSES:
- APPROVED ELECTIVES*** 6 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Enroll in TYPE 130 to earn credit in one of the following courses: TYPE 140, 141, 142, 143, 144, or 145.
*** Approved Electives: ACCTG 120; BUS 121, 215; OFOCC 250; MGMT 113, 214, 215; TYPE 143, 144, 145; WP 186.

Recommended Course Sequence:
1st Semester: BUS 120; ENGL 110; OFOCC 151; OFACS 125; OFACS 126; OFOCC 111; Humanities
2nd Semester: OFOCC 114; OFACS 205; WP 122; OFACS 132; Social Science
3rd Semester: ACCTG 105; OFOCC 200; OFOCC 210; OFACS 133; WP 161; Approved Elective
4th Semester: OFACS 211; TYPE 142; COMM 110; Laboratory Science/Mathematics; Approved Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 9

Program Information: The mission of the Page Layout certificate program is to prepare students for employment or upgrade existing job skills in the publishing industry by educating them in the fundamental concepts, knowledge, hands-on techniques, and skills ranging from traditional page layout for print as well as new electronic book formatting for eReaders devices.

Additional Program Info: The Page Layout Certificate is one of four certificates that can be earned while working towards the Digital Publishing Certificate or Graphic Communications Associate in Applied Science degree.

Contact Information:
Graphic Communications
Program Coordinator
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Page Layout

PROGRAM COURSES:

- GCOMM 112 VECTOR GRAPHICS WITH ADOBE ILLUSTRATOR 3 CR. HRS.
- GCOMM 130 PAGE LAYOUT WITH ADOBE INDESIGN 3 CR. HRS.
- GCOMM 230 ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA 3 CR. HRS.

Recommended Course Sequence:
1st Semester: GCOMM 112; GCOMM 130; GCOMM 230

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 62

Program Information: The mission of the Associate in Applied Science Paralegal degree is to produce competent, well-rounded individuals who are able to work under the supervision of an attorney in the many areas of the practice of law, specifically, the student will be prepared to perform such tasks as legal research, client interviews, investigations, preparation of legal documents, and other legal work as delegated by an attorney. Paralegal are employed by private law firms, corporations, governmental agencies, insurance companies, title companies, and financial institutions.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with the Program Coordinator to plan a specific course schedule meeting Illinois Central College and personal requirements. Computers are an important component to many aspects of this profession. The student should be familiar with the keyboard. If not, an additional class in keyboarding is recommended.

Accreditation: This program has been approved by the American Bar Association.

To Remain in and Graduate From the Program: Students must attain a grade of "C" or higher in each PRLGL course (including equated transfer courses) to remain in and graduate from the program. PRLGL 113, 116, and 260 must be taken at ICC to graduate from the program. Students must take at least ten semester credit hours or the equivalent of legal specialty courses through traditional format. All prerequisites to PRLGL courses must be satisfied with a grade of "C" or better. Students should complete an "Application for Degree/Certificate" after completing 45 or more hours of this program. The form is available in Enrollment Services, L211.

Contact Information: Social Sciences and Public Services Department North Campus Poplar Hall Room 117 (309) 690-7691

Paralegal

GENERAL COURSES:

- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- LABORATORY SCIENCE*** 4 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
or
- MATHEMATICS**** 3 CR. HRS.
- HUMANITIES** 3 CR. HRS.

PROGRAM COURSES:

- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
or CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.
- CRJ 225 CRIMINAL LAW 3 CR. HRS.
- CRJ 230 COURT PROCEDURES AND EVIDENCE 3 CR. HRS.
- PRLGL 110 INTRODUCTION TO PARALEGAL 3 CR. HRS.
- PRLGL 112 LEGAL RESEARCH I 3 CR. HRS.
- PRLGL 113 LEGAL RESEARCH II 3 CR. HRS.
- PRLGL 114 FAMILY LAW 3 CR. HRS.
- PRLGL 115 WILLS, TRUSTS AND ESTATE ADMINISTRATION 3 CR. HRS.
- PRLGL 116 CIVIL LITIGATION 3 CR. HRS.
- PRLGL 117 ADMINISTRATIVE LAW 3 CR. HRS.
- PRLGL 118 LAW OFFICE MANAGEMENT 3 CR. HRS.
- PRLGL 159 PARALEGAL PRE-INTERNSHIP 1 CR. HR.
- PRLGL 215 BUSINESS ORGANIZATION AND PRACTICE 3 CR. HRS.
- PRLGL 260 PARALEGAL INTERNSHIP 3 CR. HRS.

ELECTIVE COURSES:

- APPROVED ELECTIVE***** 3 CR. HRS.

* POLSC 115, 119 or PSY 110 are recommended
** PHIL 111 or COMM 110 are recommended
*** BIOL 111 or 140 are recommended
**** MATH 110 or above
***** Liberal Arts courses as well as law related courses are recommended.

Recommended Course Sequence:

1st Semester: ENGL 110; CMGEN 120 or CMPSC 120; BUS 120 or Mathematics; Social Science
2nd Semester: ENGL 111; PRLGL 110; PRLGL 112; Social Science; Humanities Summer Semester 1; Laboratory Science
3rd Semester: PRLGL 113; PRLGL 116; PRLGL 117; PRLGL 215; CRJ 225 or CRJ 226; PRLGL 159
4th Semester: CRJ 230; PRLGL 115; PRLGL 260; PRLGL 114; PRLGL 118

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 37

Program Information: The mission of the Paralegal certificate is to produce competent, well-rounded individuals who are able to work under the supervision of an attorney in the many areas of the practice of law. Specifically, the student will be prepared to perform such tasks as legal research, client interviews, investigations, preparation of legal documents, and other legal work as delegated by an attorney. Paralegal are employed by private law firms, corporations, governmental agencies, insurance companies, title companies, and financial institutions.

Additional Program Info: Students enrolled in this program must meet with the Program Coordinator to plan a specific course schedule meeting Illinois Central College and personal requirements.

Accreditation: This program is approved by the American Bar Association.

Admission To the Program: A bachelor's degree (4 years/undergraduate) or associate degree from an accredited college or university is required for admission to the program. Students must make application for admission to the program. Students must make application for admission to Illinois Central College and must submit an official transcript from the college or university granting the degree to the ICC Enrollment Services. Students must submit a separate application for the Paralegal Certificate Program to the Program Coordinator and have an interview with the Program Coordinator before gaining admission to the program. The form is available from the Program Coordinator at ICC North, Poplar Hall 117, by calling (309) 690-7691 or on-line at paralegal.icc.edu at least 30 percent of the total program of study must be completed at Illinois Central College. Students must take at least 10 credit hours or the equivalent of legal specialty course through traditional format. PRLGL 113, 116, and 260 must be taken at ICC to graduate from the program. All prerequisites to PRLGL courses must be satisfied with a grade "C" or better.

To Remain in and Graduate From the Program:
Students should complete an "Application for Degree/Certificate" during the next to last semester of the study. The form is available in the Enrollment Services Center, L211.

Contact Information:
Social Sciences and Public Services Department
North Campus
Poplar Hall
Room 117
(309) 690-7691

Paralegal

PROGRAM COURSES:
- PRLGL 260  PARALEGAL INTERNSHIP  3 CR. HRS.
- PRLGL 215  BUSINESS ORGANIZATION AND PRACTICE  3 CR. HRS.
- PRLGL 159  PARALEGAL PRE-INTERNSHIP  1 CR. HR.
- PRLGL 118  LAW OFFICE MANAGEMENT  3 CR. HRS.
- PRLGL 117  ADMINISTRATIVE LAW  3 CR. HRS.
- PRLGL 116  CIVIL LITIGATION  3 CR. HRS.
- PRLGL 115  WILLS, TRUSTS AND ESTATE ADMINISTRATION  3 CR. HRS.
- PRLGL 114  FAMILY LAW  3 CR. HRS.
- PRLGL 113  LEGAL RESEARCH II  3 CR. HRS.
- PRLGL 112  LEGAL RESEARCH I  3 CR. HRS.
- PRLGL 110  INTRODUCTION TO PARALEGAL  3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES*  6 CR. HRS.

* Approved Electives: PRLGL 120, 121, 141; BUS 115, 116, 215; CRJ 111, 225, 226, 227, 230; CMPSC 120 or CMGEN 120; HLTH 121; RLST 230

Recommended Course Sequence:
1st Semester: PRLGL 110; PRLGL 112; PRLGL 116; PRLGL 117; PRLGL 215; PRLGL 159
2nd Semester: PRLGL 113; PRLGL 114; PRLGL 115; PRLGL 118; PRLGL 260; Approved Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Program Information: The mission of the Paramedic Associate in Applied Science degree program is to provide comprehensive theoretical knowledge, practice simulations, and skills training to prepare graduates for employment as a Paramedic within the healthcare community.

Accreditation: The Paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caauh.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (coaemsp.org). Commission on Accreditation of Allied Health Education Programs, 1361 Park Street, Clearwater, FL 33756, 727-210-2350.

Admission To the Program: High school graduate or equivalent with placement scores into ENGL 110 and READ 115; ACT composite score of 18 or above (tested prior to October 28, 1989) or a score of 20 or above (if tested after October 28, 1989); one year of high school algebra or MAT 104 with a grade of "C" or better, or placement into MAT 108 by the math placement test; a grade of "C" or better in courses taken at other colleges; in the case of students not initially admissible to the program, a grade of "C" or better in 18 or more approved semester hours taken at ICC; physical examination. High school recommendations: one year of biology and one year of chemistry.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended. To remain in and graduate from program, the student needs a "C" or better in RNRS 150, BIOL 205, 206 and all EMT/HLTH courses. Student is eligible for licensure as an EMT-Basic after successful completion of EMT 110 and 111. The student is also eligible for licensure as an EMT-Intermediate after successful completion of EMT 110, 111, 120, 210, 215, and 220.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Paramedic

GENERAL COURSES:
- HUMANITIES* 3 CR. HRS.
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY I AND PHYSIOLOGY 4 CR. HRS.
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II 4 CR. HRS.
- COMM 110 or ENGL 111 COMPOSITION I 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- RNRS 150 PRINCIPLES OF SAFE MEDICATION ADMINISTRATION 1 CR. HR.
- SOC 110 AN INTRODUCTION TO SOCIOLGY 3 CR. HRS.

PROGRAM COURSES:
- EMT 110 EMERGENCY MEDICAL TECHNICIAN - BASIC I 3 CR. HRS.
- EMT 111 EMERGENCY MEDICAL TECHNICIAN - BASIC II 3 CR. HRS.
- EMT 115 TRAUMA LIFE SUPPORT 1 CR. HR.
- EMT 118 PEDIATRIC EDUCATION FOR PREHOSPITAL PROVIDERS (PEPP) 1 CR. HR.
- EMT 120 EMERGENCY MEDICAL TECHNICIAN - BASIC PRACTICUM 1 CR. HR.
- EMT 210 EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE I 6 CR. HRS.
- EMT 215 EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE II 3 CR. HRS.
- EMT 220 EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE PRACTICUM 3 CR. HRS.
- EMT 230 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC I 1 CR. HR.
- EMT 231 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC II 1 CR. HR.
- EMT 232 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC III 2 CR. HRS.
- EMT 233 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC IV 1 CR. HR.
- EMT 240 EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC PRACTICUM 4 CR. HRS.
- HLTH 111 ADVANCED CARDIAC LIFE SUPPORT (ACLS) 1 CR. HR.

ELECTIVE COURSES:
- APPROVED ELECTIVES** 9 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Approved Electives: BIOL 210; CHEM 115, 130; ENGL 111, 125; EMT 255; FRSTK 183, 250; HEM 110, 120, 130, 150, 230; HEOCC 112, 114, 200, 220; HLTH 121; MGMT 113, 114; PHIL 113, 114, 115; POLSC 119; PSY 220; SOC 221

Recommended Course Sequence:
1st Semester: EMT 110; EMT 111; ENGL 110; BIOL 205; Approved Electives; RNRS 150
2nd Semester: EMT 120; EMT 210; SOC 110; BIOL 206; Approved Electives
Summer Semester 1: EMT 215
3rd Semester: EMT 220; EMT 230; EMT 231; EMT 232; EMT 233; COMM 110 or ENGL 111
4th Semester: EMT 115; EMT 118; PSY 110; HLTH 111; Humanities Elective; Approved Electives
Summer Semester 2: EMT 240

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 61 to 64

Program Information: This program of study is intended for students planning on pursuing a career as a certified personal trainer. Students will gain knowledge in individual and group exercise programs, and will work with populations of varying ability levels. Upon successful completion of the program, graduates will be qualified to work as personal trainers in health clubs, fitness centers, and recreational programs. Graduates will be eligible to test and become certified in their choice of organizations that certify personal trainers.

Accreditation: Upon successful completion, student will be able to sit for the ACE or NCF personal trainer examination.

Admission To the Program: Students entering this program should have a strong understanding of science and math concepts, and be able to physically perform exercises they intend to teach.

Contact Information:
Physical Education Coordinator
East Peoria Campus
CougarPlex
(309) 694-5502

Personal/Fitness Trainer

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- or COMM 120 INTERPERSONAL COMMUNICATION 3 CR. HRS.
- MATH 110 CONCEPTS OF MATHEMATICS 3 CR. HRS.
- CHEM 115 FOUNDATIONS OF CHEMISTRY 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY 4 CR. HRS.
- FCS 120 PRINCIPLES OF NUTRITION 3 CR. HRS.
- HLTH 120 FIRST AID 2 CR. HRS.
- HLTH 150 FOUNDATIONS OF HEALTH 3 CR. HRS.
- PHYED 116 INTRODUCTION TO RECREATION 3 CR. HRS.
- or PHYED 236 SCIENTIFIC BASIS OF HUMAN MOVEMENT 3 CR. HRS.
- PHYED 136 FOUNDATIONS OF HUMAN MOVEMENT 3 CR. HRS.
- PHYED 175 PRINCIPLES OF TRAINING 3 CR. HRS.
- PHYED 176 EXERCISE TESTING, PRESCRIPTION, AND DESIGN 3 CR. HRS.
- PHYED 205 FITNESS AND WELLNESS 2 CR. HRS.
- PHYED 276 PERSONAL TRAINING FIELD EXPERIENCE 3 CR. HRS.
- PHYED 277 PHYSICAL EDUCATION TOPICS 1-3 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVES** 13 CR. HRS.

* See specific requirements for the Associate in Applied Science Degree.
** ACCTG 105, PHYED 116, 140, 145, 149, 162, 168, 169, 180, 181, 182, 183, 236

Recommended Course Sequence:
1st Semester: ENGL 110; MATH 110; PHYED 136; FCS 120; PHYED 205; Humanities
2nd Semester: HLTH 150; PHYED 175; BIOL 140; COMM 110 or 120; Social Science
Summer Semester 1: PHYED 176
3rd Semester: HLTH 120; CHEM 115; PHYED 116 or 236
4th Semester: Approved Electives; PHYED 276; PHYED 277

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 30 to 32

Program Information: Students will prepare for a career in personal training that involves all aspects of fitness. Students will gain knowledge in individual and group exercise programs, and will work with populations of varying ability levels. Upon successful completion of this program, students will be qualified to pursue the accreditation of their choice.

Accreditation: Upon successful completion, students will be able to sit for the ACE or NCF personal trainer exam.

Admission To the Program: Students entering this program should have a strong understanding of science and math concepts, and be able to physically perform exercises they intend to teach.

Contact Information:
Physical Education Coordinator
East Peoria Campus
CougarPlex
(309) 694-5502

Personal/Fitness Trainer

PROGRAM COURSES:

- BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY 4 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- FCS 110 BASIC NUTRITION 2 CR. HRS.
- HLTH 120 FIRST AID 2 CR. HRS.
- HLTH 150 FOUNDATIONS OF HEALTH 3 CR. HRS.
- PHYED 136 FOUNDATIONS OF HUMAN MOVEMENT 3 CR. HRS.
- PHYED 175 PRINCIPLES OF TRAINING 3 CR. HRS.
- PHYED 176 EXERCISE TESTING, PRESCRIPTION, AND DESIGN 3 CR. HRS.
- PHYED 236 SCIENTIFIC BASIS OF HUMAN MOVEMENT 3 CR. HRS.
- PHYED 275 PERSONAL TRAINING FIELD EXPERIENCE 3 CR. HRS.
- PHYED 277 PHYSICAL EDUCATION TOPICS 1-3 CR. HRS.

Recommended Course Sequence:
1st Semester: BIOL 140; HLTH 120; PHYED 136; FCS 110; PHYED 175
2nd Semester: PHYED 236; HLTH 150; BUS 110; PHYED 176
Summer Semester 1: PHYED 276; PHYED 277

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 9 to 12

Program Information: The mission of the Phlebotomist Certificate is to prepare graduates to safely perform micropunctures and venipunctures in a professional manner by providing the resources, curriculum, and clinical experiences.

Additional Program Info: Phlebotomists are on the front lines in the medical laboratories. They work hands-on with patients to collect blood samples when the doctor orders lab work. They are employed in the hospital laboratories, physician clinics or medical groups, or other institutions to perform the collection of blood by venipunctures or micropunctures. Suggested additional courses: HLTH 121, COMM 110, PSY 110, and CMGEN 120. BIOL 106 or CLT 110 may be taken in the summer.

Admission To the Program: Admission criteria include: (1) high school graduation or equivalent; (2) 1 year high school biology or equivalent; (3) tenth-grade reading level on the Gates Reading Comprehension Test (arrangements for test may be completed in room L220). Required high school biology must be completed with a grade of "C" or better. Following program acceptance, a drug screen, criminal background check, physical exam, and immunizations will be required.

To Remain in and Graduate From the Program: Student must attain a grade of "C" or better in all CLT and BIOL courses to remain in and graduate from program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600 or (309) 999-4601

Phlebotomist

PROGRAM COURSES:
- BIOL 106 HUMAN BIOLOGY
- or BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY 4 CR. HRS.
- CLT 110 INTRODUCTION TO THE CLINICAL LABORATORY AND PHLEBOTOMY 2 CR. HRS.
- or higher
- CLT 112 PHLEBOTOMY CLINICAL PRACTICUM 2 CR. HRS.
- HEOCC 114 INTRODUCTION TO INTERDISCIPLINARY HEALTH CARE
- or MEDO 110 MEDICAL ASSISTANT ADMINISTRATIVE SKILLS 4 CR. HRS.

Recommended Course Sequence:
1st Semester: BIOL 106 or BIOL 140 or higher; HEOCC 114; CLT 110; CLT 112

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Program Information: The mission of the Photovoltaic Installer certificate program is to use lecture and hands-on laboratory experience to prepare students for employment in the Solar Photovoltaic (PV) field by educating them in the knowledge, skills, and behaviors as an entry-level solar PV installer.

Additional Program Info: Individual will be required to earn a certificate of completion for the OSHA Construction Safety Curriculum (OSHA 10 hour).

Admission To the Program: A completion of MAT 094 or higher, with a grade of "C" or better or equivalent placement score.

Contact Information:
Agriculture and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.

Photovoltaic Installer

PROGRAM COURSES:

- EERE 151 BASIC PHOTOVOLTAIC SYSTEMS 1 CR. HR.
- EERE 153 PRINCIPLES OF RESIDENTIAL PHOTOVOLTAIC SITE ASSESSMENT 1 CR. HR.
- EERE 155 INTERMEDIATE PHOTOVOLTAIC (PV) SYSTEMS 2 CR. HRS.
- EERE 161 PHOTOVOLTAIC (PV) SYSTEM INSTALLATION 4 CR. HRS.
- EERE 163 PHOTOVOLTAIC (PV) SYSTEM DESIGN 1 CR. HR.
- EERE 165 PHOTOVOLTAIC (PV) SYSTEMS AND THE NATIONAL ELECTRICAL CODE (NEC) 1 CR. HR.
- EERE 167 PRINCIPLES OF BATTERY-BASED PHOTOVOLTAIC (PV) SYSTEMS 1 CR. HR.
- ELCTK 111 RESIDENTIAL AND COMMERCIAL WIRING 2 CR. HRS.
- ELCTS 131 INTRODUCTION TO BASIC ELECTRICITY 2 CR. HRS.
- ELCTS 132 SERVICE ELECTRONICS - D.C. CIRCUITS 2 CR. HRS.
- ELCTS 133 SERVICE ELECTRONICS - A.C. CIRCUITS 2 CR. HRS.

Recommended Course Sequence:
Previous Semester (for pre-program courses): MAT 094
1st Semester: ELCTS 131; ELCTS 132; ELCTS 133; ELCTK 111; EERE 151; EERE 155
2nd Semester: EERE 153; EERE 161; EERE 163; EERE 165; EERE 167
Physical Therapist Assistant

**GENERAL COURSES:**
- ENGL 110  **COMPOSITION I ******  3 CR. HRS.
- COMM 110  **COMMUNICATION: PROCESS AND PRACTICE ******  3 CR. HRS.
- PSY 110  **INTRODUCTION TO PSYCHOLOGY ******  3 CR. HRS.
- MATHEMATICS *  3 CR. HRS.
- BIOL 140  **HUMAN ANATOMY AND PHYSIOLOGY **  4 CR. HRS.
- HUMANITIES *  3 CR. HRS.

**PROGRAM COURSES:**
- PHTA 222  **CLINICAL SEMINAR**  2 CR. HRS.
- PHTA 220  **FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT VI**  4 CR. HRS.
- PHTA 218  **FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT V**  5 CR. HRS.
- PHTA 216  **FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT V**  3 CR. HRS.
- PHTA 130  **CLINICAL I**  1 CR. HR.
- PHTA 118  **FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT III**  5 CR. HRS.
- PHTA 116  **FUNCTIONAL ANATOMY**  4 CR. HRS.
- PHTA 115  **FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT II**  4 CR. HRS.
- PHTA 114  **FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT I**  2 CR. HRS.
- PHTA 112  **INTRODUCTION TO PHYSICAL THERAPY**  1 CR. HR.
- HEOCC 230  **HEALTH CARE ORGANIZATION AND RESOURCES**  1 CR. HR.
- HEOCC 220  **LEGAL ISSUES IN HEALTH CARE**  1 CR. HR.
- HEOCC 200  **DISEASE PROCESSES IN MAN ******  3 CR. HRS.
- HLTH 121  **MEDICAL TERMINOLOGY ******  2 CR. HRS.
- PHTA 230  **CLINICAL II**  2 CR. HRS.
- PHTA 232  **CLINICAL III**  4 CR. HRS.
- PSY 202  **CHILD AND ADOLESCENT DEVELOPMENT ******  3 CR. HRS.

* Must be completed by the end of the first fall semester
**** Underlined courses may be taken prior to admission into the program.

**Recommended Course Sequence:**
Previous Semester (for pre-program courses): PHTA 114; BIOL 140
1st Semester: ENGL 110; PSY 110; HLTH 121; PHTA 112; PHTA 115; PHTA 116
2nd Semester: HEOCC 220; PHTA 216; PHTA 118; PHTA 130; Mathematics
3rd Semester: PSY 202; COMM 110; HEOCC 220; HEOCC 230; PHTA 218; PHTA 230
4th Semester: PHTA 220; PHTA 222; PHTA 232; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 14

Program Information: The mission of the Printing certificate program is to prepare students for employment or upgrade existing job skills in the graphic communications industry by educating them in the fundamental concepts, knowledge, hands-on techniques and skills of lithography, screen, and digital printing.

Additional Program Info: The Printing Certificate is one of four certificates that can be earned while working towards the Digital Publishing Certificate or Graphic Communications Associate in Applied Science degree.

Contact Information:
Graphic Communications
Program Coordinator
East Peoria Campus
AIT Building
Room 209
(309) 694-5510

Printing

PROGRAM COURSES:
- GCOMM 110  INTRODUCTION TO GRAPHIC COMMUNICATIONS  4 CR. HRS.
- GCOMM 140  PRINTING METHODS  4 CR. HRS.
- GCOMM 150  PRODUCTION TECHNIQUES AND PROCESSES  3 CR. HRS.
- GCOMM 225  SCREEN PRINTING  3 CR. HRS.

Recommended Course Sequence:
1st Semester: GCOMM 110; GCOMM 140; GCOMM 150; GCOMM 225

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 7 to 11

Program Information: The mission of the Production Welder certificate program is to prepare students with the knowledge and skills pertaining to gas metal arc welding processes for employment as an entry-level welder.

Additional Program Info: This certificate program of study provides minimum coursework and laboratory practice for individuals gaining MIG (GMAW) welding skills required by local employers for entry-level production welding skills. Students focus on the theory and practice associated with production welding in a manufacturing setting. Student will be required to provide their own personal safety equipment and welding hood.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 203
(309) 694-5510

Production Welder

PROGRAM COURSES:

- WLDTR 111 WELDING BLUEPRINT READING 3 CR. HRS.
- WLDTR 150 WELD CERTIFICATION PREPARATION 1-5 CR. HRS. AND TESTING
- WLDTR 212 WELDING THEORY II 1 CR. HR.
- WLDTR 225 SEMI-AUTOMATIC ARC WELDING 1 CR. HR.
- WLDTR 227 ADVANCED INDUSTRIAL SEMI-AUTOMATIC 1 CR. HR.
  ARC WELDING (GMAW)

Recommended Course Sequence:
1st Semester: WLDTR 111; WLDTR 212; WLDTR 225; WLDTR 227; WLDTR 150

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Radiographer

**GENERAL COURSES:**
- ENGL 110   COMPOSITION I     3 CR. HRS.
- ENGL 111   COMPOSITION II    3 CR. HRS.
- or COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- PSY 110   INTRODUCTION TO PSYCHOLOGY  3 CR. HRS.
- MATH 115   COLLEGE ALGEBRA **  3 CR. HRS.
- BIOL 140   HUMAN ANATOMY AND PHYSIOLOGY **  4 CR. HRS.
- ** HUMANITIES *  3 CR. HRS.

**PROGRAM COURSES:**
- HLTH 121   MEDICAL TERMINOLOGY  2 CR. HRS.
- RADTK 110   FUNDAMENTALS OF RADIOGRAPHY I  6 CR. HRS.
- RADTK 112   FUNDAMENTALS OF RADIOGRAPHY, DIRECTED PRACTICE ORIENTATION  1 CR. HR.
- RADTK 120   FUNDAMENTALS OF RADIOGRAPHY II  6 CR. HRS.
- RADTK 121   FUNDAMENTALS OF RADIOGRAPHY, DIRECTED PRACTICE I  3 CR. HRS.
- RADTK 200   RADIOGRAPHY I  3 CR. HRS.
- RADTK 201   FUNDAMENTALS OF RADIOGRAPHY, DIRECTED PRACTICE II  2 CR. HRS.
- RADTK 210   RADIOGRAPHY II  6 CR. HRS.
- RADTK 211   RADIOGRAPHY, DIRECTED PRACTICE III  3 CR. HRS.
- RADTK 220   RADIOGRAPHY III  3 CR. HRS.
- RADTK 221   RADIOGRAPHY, DIRECTED PRACTICE IV  3 CR. HRS.
- RADTK 230   RADIOGRAPHY IV  2 CR. HRS.
- RADTK 231   RADIOGRAPHY, DIRECTED PRACTICE V  2 CR. HRS.
- RADTK 260   SECTIONAL ANATOMY FOR DIAGNOSTIC IMAGING  3 CR. HRS.
- RADTK 270   PATHOLOGY AND PHARMACOLOGY FOR THE IMAGING PROFESSIONAL  3 CR. HRS.
- RADTK 280   COMPUTED TOMOGRAPHY PRINCIPLES, INSTRUMENTATION AND IMAGING PROCEDURES  3 CR. HRS.

**PROGRAM COURSES:**
- HLTH 121   MEDICAL TERMINOLOGY  2 CR. HRS.
- RADTK 110   FUNDAMENTALS OF RADIOGRAPHY I  6 CR. HRS.
- RADTK 112   FUNDAMENTALS OF RADIOGRAPHY, DIRECTED PRACTICE ORIENTATION  1 CR. HR.
- RADTK 120   FUNDAMENTALS OF RADIOGRAPHY II  6 CR. HRS.
- RADTK 121   FUNDAMENTALS OF RADIOGRAPHY, DIRECTED PRACTICE I  3 CR. HRS.
- RADTK 200   RADIOGRAPHY I  3 CR. HRS.
- RADTK 201   FUNDAMENTALS OF RADIOGRAPHY, DIRECTED PRACTICE II  2 CR. HRS.
- RADTK 210   RADIOGRAPHY II  6 CR. HRS.
- RADTK 211   RADIOGRAPHY, DIRECTED PRACTICE III  3 CR. HRS.
- RADTK 220   RADIOGRAPHY III  3 CR. HRS.
- RADTK 221   RADIOGRAPHY, DIRECTED PRACTICE IV  3 CR. HRS.
- RADTK 230   RADIOGRAPHY IV  2 CR. HRS.
- RADTK 231   RADIOGRAPHY, DIRECTED PRACTICE V  2 CR. HRS.
- RADTK 260   SECTIONAL ANATOMY FOR DIAGNOSTIC IMAGING  3 CR. HRS.
- RADTK 270   PATHOLOGY AND PHARMACOLOGY FOR THE IMAGING PROFESSIONAL  3 CR. HRS.
- RADTK 280   COMPUTED TOMOGRAPHY PRINCIPLES, INSTRUMENTATION AND IMAGING PROCEDURES  3 CR. HRS.

* PHIL 113 is recommended
** Must be successfully completed within five years of program admission

**Recommended Course Sequence:**
1st Semester: BIOL 140; HLTH 121; MATH 115; RADTK 110; RADTK 112
2nd Semester: ENGL 110; PSY 110; RADTK 120; RADTK 121
Summer Semester 1: RADTK 200; RADTK 201
3rd Semester: RADTK 210; RADTK 211; ENGL 111 or COMM 110; RADTK 260
4th Semester: RADTK 220; RADTK 221; RADTK 270; RADTK 280
Summer Semester 2: RADTK 230; RADTK 231; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Registered Nurse

**GENERAL COURSES:**
- ENGL 110 \*COMPOSITION I \* \* \* 3 CR. HRS.
- ENGL 111 \*COMPOSITION II \* \* \* 3 CR. HRS.
- COMM 110 \*COMMUNICATION: PROCESS AND PRACTICE \* \* \* 3 CR. HRS.
- PSY 110 \*INTRODUCTION TO PSYCHOLOGY \* \* \* 3 CR. HRS.
- RNRS 150 \*PRINCIPLES OF SAFE MEDICATION ADMINISTRATION 1 CR. HRS.
- BIOL 205 \*PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I \* \* \* 4 CR. HRS.
- BIOL 206 \*PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II \* \* \* 4 CR. HRS.
- HUMANITIES \* \* \* 3 CR. HRS.

**PROGRAM COURSES:**
- BIOL 210 \*MICROBIOLOGY \* \* \* 4 CR. HRS.
- FCS 110 \*BASIC NUTRITION \* \* \* 3 CR. HRS.
- FCS 120 \*PRINCIPLES OF NUTRITION \* \* \* 3 CR. HRS.
- HLTH 121 \*MEDICAL TERMINOLOGY \* \* \* 2 CR. HRS.
- RNRS 110 \*NURSING I \* \* \* 6 CR. HRS.
- RNRS 111 \*PHARMACOLOGY FOR NURSES \* \* \* 2 CR. HRS.
- RNRS 120 \*NURSING II \* \* \* 6 CR. HRS.
- RNRS 210 \*HEALTH ASSESSMENT OF THE ADULT PATIENT \* \* \* 2 CR. HRS.
- RNRS 220 \*NURSING III \* \* \* 10 CR. HRS.
- RNRS 221 \*NURSING IV \* \* \* 10 CR. HRS.
- RNRS 222 \*NURSING MANAGEMENT AND LEADERSHIP \* \* \* 10 CR. HRS.

* See specific requirements for Humanities required for Associate in Applied Science Degree.
** These courses must be completed within five (5) years of admission to the program and/or indicated in course prerequisites.
*** Underlined courses may be taken prior to admission into the program.

**Recommended Course Sequence:**
1st Semester: BIOL 205; ENGL 110; RNRS 150; RNRS 110; RNRS 210; HLTH 121
2nd Semester: BIOL 206; FCS 110 or 120; RNRS 111; RNRS 120; PSY 110
3rd Semester: BIOL 210; RNRS 220
4th Semester: RNRS 221; RNRS 222; ENGL 111 or COMM 110; Humanities

**Accreditation:** The Nursing program is fully approved by the Illinois Department of Financial and Professional Regulation and accredited by the Accreditation Commission for Education in Nursing. The Accreditation Commission for Education in Nursing (ACEN) is a resource for the nursing information contained in this catalog. The commission may be contacted as follows: Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, Phone: (404) 975-5000, Fax: (404) 975-5020. Graduates are eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN) and may apply for licensure to practice nursing as a Registered Nurse (RN).

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Respiratory Therapist

GENERAL COURSES:
- **HEOCC 114** INTRODUCTION TO INTERDISCIPLINARY HEALTH CARE ** 1 CR. HR.
- **HLTH 108** ELECTROCARDIOGRAM INTERPRETATION 1 CR. HR.
- **HLTH 121** MEDICAL TERMINOLOGY ** 2 CR. HRS.
- **RESP 110** INTRODUCTION TO RESPIRATORY CARE 1 CR. HR.
- **RESP 112** FUNDAMENTALS OF RESPIRATORY CARE I 4 CR. HRS.
- **RESP 115** RESPIRATORY CARE PRACTICUM I 3 CR. HRS.
- **RESP 121** FUNDAMENTALS OF RESPIRATORY CARE II 5 CR. HRS.
- **RESP 122** CARDIOPULMONARY ANATOMY AND PHYSIOLOGY 2 CR. HRS.
- **RESP 123** PHARMACOLOGY FOR RESPIRATORY CARE 2 CR. HRS.
- **RESP 125** RESPIRATORY CARE PRACTICUM II 3 CR. HRS.
- **RESP 127** CARDIOPULMONARY DISEASES 3 CR. HRS.
- **RESP 201** INTRODUCTION TO MECHANICAL VENTILATION 1 CR. HR.
- **RESP 210** FUNDAMENTALS OF RESPIRATORY CARE III 5 CR. HRS.
- **RESP 220** RESPIRATORY CARE PRACTICUM III 3 CR. HRS.
- **RESP 231** FUNDAMENTALS OF RESPIRATORY CARE IV 4 CR. HRS.
- **RESP 235** RESPIRATORY CARE PRACTICUM IV 3 CR. HRS.
- **RESP 240** RESPIRATORY THERAPY CAPSTONE 1 CR. HR.
- **SOC 110** AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: ENGL 110; RESP 110; RESP 112; RESP 115; RESP 122; HLTH 121
2nd Semester: RESP 121; RESP 123; RESP 125; RESP 127; BIOL 205
Summer Semester 1: PSY 110; RESP 201; BIOL 210
3rd Semester: ENGL 111 or COMM 110; RESP 210; RESP 220; BIOL 206; Humanities
4th Semester: SOC 110; RESP 231; RESP 235; RESP 240; HLTH 108; HEOCC 114

To Remain in and Graduate From the Program: A grade of "C" or better is required in BIOL 205, 206, and 210 in order to graduate from the program. Students must maintain a grade of "C" or better in each RESP course in order to be retained and graduate from the program. To remain in and graduate from this program, a grade of "C" or better must be achieved in all program courses and science courses.

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 60

Program Information: The mission of the Restaurant Management Associate in Applied Science Degree program is to prepare students for employment in the restaurant industry by educating them in the fundamental concepts, knowledge, and hands-on techniques and skills of the restaurant industry.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Restaurant Management Program
North Campus
Dogwood Hall
Telephone: Last name:
(A-I) (309) 690-6890
(J-O) (309) 690-6846
(P-Z) (309) 690-6889

Restaurant Management

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 125 BUSINESS COMMUNICATIONS 3 CR. HRS.
- or COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECONOMICS** 3 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- LABORATORY SCIENCE/MATHEMATICS* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

PROGRAM COURSES:
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.
- CA 150 PROFESSIONAL COOKING 3 CR. HRS.
- CA 151 ADVANCED SANITATION AND SAFETY 3 CR. HRS.
- CA 211 FOODSERVICE MARKETING 3 CR. HRS.
- CA 212 FOODSERVICE COST CONTROL 4 CR. HRS.
- CA 213 BEVERAGE MANAGEMENT 3 CR. HRS.
- CA 214 FRONT OF THE HOUSE 2 CR. HRS.
- CA 215 FOODSERVICE NUTRITION AND MENU PLANNING 3 CR. HRS.
- CA 217 INTRODUCTION TO CATERING 3 CR. HRS.
- CA 225 INTERNSHIP IN CULINARY ARTS 3 CR. HRS.
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- HLTH 120 FIRST AID 2 CR. HRS.
- HOS 110 INTRODUCTION TO HOSPITALITY MANAGEMENT 3 CR. HRS.
- MGMT 205 PERSONNEL MANAGEMENT 3 CR. HRS.

* See specific requirements for an Associate in Applied Science degree.
** ECON 105, 110, or 111

Recommended Course Sequence:
1st Semester: CA 150; CA 151; ENGL 110; BUS 120; HOS 110
2nd Semester: CA 212; CA 213; HLTH 120; BUS 215
Summer Semester 1: CMGEN 120
3rd Semester: CA 215; CA 217; MGMT 205; Laboratory Science/Mathematics
4th Semester: CA 214; CA 225; ENGL 125 or COMM 110; Humanities
Summer Semester 2: Economics

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 24 to 25

Program Information: The mission of the Small Business Management Certificate program is to provide students with a background in business organization and operations, as well as management training, necessary for advancement to supervisory positions in small businesses.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Small Business Management

PROGRAM COURSES:
- ACCTG 105 BOOKKEEPING/ACCOUNTING I
  or ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- CMGEN 120 COMPUTER APPLICATIONS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- MGMT 113 PRINCIPLES OF MANAGEMENT 3 CR. HRS.
- MGMT 205 PERSONNEL MANAGEMENT 3 CR. HRS.
- MGMT 216 SMALL BUSINESS MANAGEMENT 3 CR. HRS.
- MKTG 112 PRINCIPLES OF MARKETING 3 CR. HRS.

Recommended Course Sequence:
1st Semester: ENGL 110; ACCTG 105 or ACCTG 120; MGMT 113; MGMT 205
2nd Semester: MGMT 216; CMGEN 120; BUS 120; MKTG 112

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 34

Program Information:
The mission of the Solar Thermal Heating Systems certificate program is to provide the students with knowledge and skills pertaining to solar thermal heating systems. After completing this program, the graduate will be able to work as an entry-level repair/maintenance worker, solar domestic water/space heating technician, solar thermal systems designer or a solar thermal salesperson.

Additional Program Info: Previous experience with solar thermal heating systems is not required to enter this program of study. The solar thermal heating courses include extensive laboratory experience as well as lectures. Students must complete basic skills placement testing before admission into this program.

Admission To the Program: (1) year high school algebra or MAT 094 with a grade of "C" or better.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
Dirksen Building
Room 9
East Peoria Campus
(309) 694-8566

Solar Thermal Heating Systems

PROGRAM COURSES:

- ARCTK 119 BLUEPRINT READING - CONSTRUCTION 1 CR. HR.
- EERE 120 SOLAR DOMESTIC HOT WATER 1 CR. HR.
- EERE 121 SOLAR SPACE HEATING 1 CR. HR.
- EERE 122 RESIDENTIAL SDHW SITE ASSESSOR 2 CR. HRS.
- EERE 123 SOLAR WATER HEATING LAB 3 CR. HRS.
- EERE 124 SOLAR THERMAL DESIGN 2 CR. HRS.
- GRBCR 150 BUILDING ENVELOPE EVALUATION 3 CR. HRS.
- GRBE 120 BUILDING ENERGY ANALYSIS 3 CR. HRS.
- REACT 110 REFRIGERATION I 4 CR. HRS.
- REACT 111 AIR CONDITIONING SYSTEMS I 3 CR. HRS.
- REACT 112 REFRIGERATION II 4 CR. HRS.
- REACT 113 AIR CONDITIONING SYSTEMS II 3 CR. HRS.
- REACT 118 ELECTRICITY AS IT APPLIES TO HVAC/R 4 CR. HRS.

Recommended Course Sequence:
1st Semester: REACT 110; REACT 111; REACT 118
2nd Semester: EERE 120; EERE 121; REACT 112; REACT 113; ARCTK 119
Summer Semester 1: EERE 122
3rd Semester: EERE 123; GRBCR 150
4th Semester: EERE 124; GRBE 120

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 65

Program Information: The mission of the surgical technology program is to prepare competent entry-level surgical technologist able to function within the healthcare community.

Additional Program Info: Students enrolled in this program must meet with their assigned advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Suggested supplemental courses: HEOCC 111, 200, 230; PSY 115, 116, 117, 119. Students are advised to complete all BIOL prior to first SURTK course. If you are a surgical technologist and have graduated from an ARC-ST accredited surgical technology program, you may enroll in this program to complete the Associate in Applied Science degree. Transcripts must be evaluated and SURTK 250 may be substituted for SURTK 211. If SURTK 250 is substituted for SURTK 211, a minimum of (65) credit hours must be completed to graduate from the AAS program.

Accreditation: Commission on Accreditation of Allied Health Programs in cooperation with the Accreditation Review Committee for Surgical Technologists (ARC-ST).

Admission To the Program: Admission criteria include: (1) graduation from high school, or equivalent; (2) placement scores into ENGL 110 and READ 115; (3) an ACT composite score of 18 or above (16 or above if tested before October 28, 1989); 1 year high school BIOL or equivalent (“C” or better) (4) minimum “C” average in courses you are transferring to ICC: (5) for students not initially admissible to program minimum “C” average in 18 or more approved semester hours taken at ICC; physical examination. Recommended high school courses: (1) four years of English/communication; (2) two years of mathematics; and (3) three years of biological science

To Remain in and Graduate From the Program:
Student must attain a grade of “C” or better in each BIOL and SURTK course in order to remain in and graduate from the program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Surgical Technologist

GENERAL COURSES:
- ENGL 110 COMPOSITION I ** 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE ** 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY ** 3 CR. HRS.
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I ** 4 CR. HRS.
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II ** 4 CR. HRS.
- BIOL 210 MICROBIOLOGY ** 4 CR. HRS.
- HUMANITIES * 3 CR. HRS.

PROGRAM COURSES:
- HEOCC 114 INTRODUCTION TO INTERDISCIPLINARY HEALTH CARE ** 1 CR. HR.
- HLTH 110 FUNDAMENTALS OF STERILE PROCESSING ** 2 CR. HRS.
- HLTH 121 MEDICAL TERMINOLOGY ** 2 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIETY ** 3 CR. HRS.
- SURTK 120 INTRODUCTION TO SURGICAL TECHNOLOGY 4 CR. HRS.
- SURTK 121 FUNDAMENTALS OF SURGICAL TECHNOLOGY I 7 CR. HRS.
- SURTK 122 FUNDAMENTALS OF SURGICAL TECHNOLOGY II 6 CR. HRS.
- SURTK 130 PHARMACOLOGY FOR THE SURGICAL TECHNOLOGIST 1 CR. HR.
- SURTK 210 FUNDAMENTALS OF SURGICAL TECHNOLOGY III 8 CR. HRS.
- SURTK 211 ADVANCED FUNDAMENTALS OF SURGICAL TECHNOLOGY 7 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.
** Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: SURTK 120; BIOL 205; HLTH 110; HLTH 121; ENGL 110
2nd Semester: SURTK 121; BIOL 206; SURTK 130; HEOCC 114; COMM 110
Summer Semester 1: SURTK 122
3rd Semester: SURTK 210; BIOL 210; SOC 110
4th Semester: SURTK 211; PSY 110; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 49

Program Information: The mission of the surgical technology program is to prepare competent entry-level surgical technologist able to function within the healthcare community.

Additional Program Info: Students enrolled in this program must meet with their assigned advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Suggested supplemental courses: HEOCC 111, 200, 230; PSY 115, 116, 117, 119 Students are advised to complete all BIOL courses prior to first SURTK course.

Accreditation: Commission on Accreditation of Allied Health Programs in cooperation with the Accreditation Review Committee for Surgical Technologists (ARC-ST).

Admission To the Program: Admission criteria include:
(1) graduation from high school, or equivalent; (2) placement scores into ENGL 110 and READ 115; (3) an ACT composite score of 18 or above (16 or above if tested before October 28, 1989); 1 year high school BIOL or equivalent ("C" or better) (4) minimum "C" average in courses you are transferring to ICC; (5) for students not initially admissible to program minimum "C" average in 9 or more approved semester hours taken at ICC; physical examination.Recommended high school courses: (1) four years of English/communication; (2) two years of mathematics; and (3) three years of biological science.

To Remain in and Graduate From the Program: Student must attain a grade of "C" or better in each BIOL and SURTK course in order to remain in and graduate from the program.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Surgical Technologist

PROGRAM COURSES:

- **Biol 205** PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I* 4 CR. HRS.
- **Biol 206** PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II 4 CR. HRS.
- **Biol 210** MICROBIOLOGY * 4 CR. HRS.
- **Comm 110** COMMUNICATION: PROCESS AND PRACTICE * 3 CR. HRS.
- **Engl 110** COMPOSITION I * 3 CR. HRS.
- **HEOCC 114** INTRODUCTION TO INTERDISCIPLINARY HEALTH CARE * 1 CR. HR.
- **Hlth 110** FUNDAMENTALS OF STERILE PROCESSING * 2 CR. HRS.
- **Hlth 121** MEDICAL TERMINOLOGY * 2 CR. HRS.
- **Surtk 120** INTRODUCTION TO SURGICAL TECHNOLOGY 4 CR. HRS.
- **Surtk 121** FUNDAMENTALS OF SURGICAL TECHNOLOGY I 7 CR. HRS.
- **Surtk 122** FUNDAMENTALS OF SURGICAL TECHNOLOGY II 6 CR. HRS.
- **Surtk 130** PHARMACOLOGY FOR THE SURGICAL TECHNOLOGIST 1 CR. HR.
- **Surtk 210** FUNDAMENTALS OF SURGICAL TECHNOLOGY III 8 CR. HRS.

* Underlined courses may be taken prior to admission into the program.

Recommended Course Sequence:
1st Semester: SURTK 120; BIOL 145; Hlth 110; Hlth 121; ENGL 110
2nd Semester: SURTK 121; BIOL 146; SURTK 130; HEOCC 114; COMM 110
Summer Semester 1: SURTK 122
3rd Semester: SURTK 210; BIOL 210

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 7

Program Information: Tractor trailer drivers are prepared to take the Illinois Secretary of State administered Class A Road Test, which results in a Commercial Drivers License (CDL). Drivers with CDLs are employed by a variety of trucking industry companies. Subjects covered include trucking and transport regulations, reporting, map reading and trip planning, as well as driving techniques. The program consists of 48 hours of classroom lecture and 112 hours of "yard" work (backing skills and pre-trip inspections), and on the road experience.

Additional Program Info: Students enrolled in this program must meet with their assigned advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. Prior to enrolling in this program, students are encouraged to obtain a copy of their Motor Vehicle Report from the Secretary of State's Drivers License Bureau.

Admission To the Program: Admission criteria include: ability to read and write the English language; minimum age of 18 (those over age 21 receive greater placement assistance); ability to meet the Federal Department of Transportation requirements; a valid regular driver's license; and acceptable driving history.

Contact Information:
Professional Development Institute
East Peoria Campus
Dirksen Hall
(309) 694-8555

Truck Driver Training

PROGRAM COURSES:

- PDTTD 110 TRUCK DRIVING 7 CR. HRS.

Recommended Course Sequence:
1st Semester: PDTTD 110

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 33

Program Information: The mission of the Web-Rich Internet Application Developer Certificate is to instruct students in the development of desktop-like web applications by providing a hands-on working environment using current technologies in which they will develop a portfolio of practical work.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. This certificate program is offered online. Please contact the department for further information.

Accreditation: Accredited by Webprofessionals.org as a Web Professional Academy

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Web-rich Internet Application Developer

PROGRAM COURSES:

- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.
- CMWEB 120 BUILDING WEB PAGES WITH HTML AND CSS 3 CR. HRS.
- CMWEB 150 WEB ACCESSIBILITY 3 CR. HRS.
- CMWEB 155 WEB USER EXPERIENCE DESIGN 3 CR. HRS.
- CMWEB 160 SCRIPTING FOR WEB DESIGNERS 3 CR. HRS.
- CMWEB 200 JAVASCRIPT FOR WEB DEVELOPERS 3 CR. HRS.
- CMWEB 220 WEB SITE DEVELOPMENT WITH CSS 3 CR. HRS.
- CMWEB 225 FLASH FUNDAMENTALS AND ACTIONSCRIPT 3 CR. HRS.
- CMWEB 235 RICH INTERNET APPLICATIONS WITH FLEX AND AJAX 3 CR. HRS.
- CMWEB 240 WINDOWS WEB SERVER SCRIPTING WITH ASP.NET
  or CMWEB 241 PHP 3 CR. HRS.
- CMWEB 270 WEB APPLICATION SECURITY 3 CR. HRS.

Recommended Course Sequence:
1st Semester: CMWEB 110; CMWEB 150
2nd Semester: CMWEB 120; CMWEB 160; CMWEB 155;
3rd Semester: CMWEB 200; CMWEB 220; CMWEB 225
4th Semester: CMWEB 235; CMWEB 240 or CMWEB 241; CMWEB 270

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 27

Program Information: The mission of the Web Designer Certificate program is to instruct students in the current technologies of Web creation by providing hands-on experience in developing a portfolio of Web page projects.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. This certificate program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

Accreditation: Accredited by Webprofessionals.org as a Web Professional Academy

Admission To the Program: Students entering this program must demonstrate proficiency in Windows by completing CMGEN 110 or passing the proficiency test or with departmental approval.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

---

Web Designer

PROGRAM COURSES:

- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.
- CMWEB 115 WRITING FOR THE WWW 3 CR. HRS.
- CMWEB 120 BUILDING WEB PAGES WITH HTML AND CSS 3 CR. HRS.
- CMWEB 130 WEB TECHNOLOGY AND BUSINESS 3 CR. HRS.
- CMWEB 135 BUSINESS USE OF SOCIAL MEDIA 3 CR. HRS.
- CMWEB 150 WEB ACCESSIBILITY 3 CR. HRS.
- CMWEB 155 WEB USER EXPERIENCE DESIGN 3 CR. HRS.
- CMWEB 160 SCRIPTING FOR WEB DESIGNERS 3 CR. HRS.
- CMWEB 220 WEB SITE DEVELOPMENT WITH CSS 3 CR. HRS.

Recommended Course Sequence:
1st Semester: CMWEB 110; CMWEB 130; CMWEB 115; CMWEB 135; CMWEB 150;
2nd Semester: CMWEB 120; CMWEB 155; CMWEB 160
3rd Semester: CMWEB 220

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate
Total Credit Hours: 30

Program Information: The mission of the Web Developer Certificate program is to instruct students in the practice of programming and scripting of Websites for business and industry by providing hands-on experience in interfacing Web Applications with legacy applications.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

Accreditation: Accredited by Webprofessionals.org as a Web Professional Academy

Admission To the Program: Students entering this program must demonstrate proficiency in Windows by completing CMGEN 110 or passing the proficiency test or departmental approval.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Web Developer

PROGRAM COURSES:
- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.
- CMWEB 120 BUILDING WEB PAGES WITH HTML AND CSS 3 CR. HRS.
- CMWEB 130 WEB TECHNOLOGY AND BUSINESS 3 CR. HRS.
- CMWEB 160 SCRIPTING FOR WEB DESIGNERS 3 CR. HRS.
  or CMPSC 115 ESSENTIALS OF PROGRAMMING 3 CR. HRS.
  or CMPSC 124 EVENT-DRIVEN PROGRAMMING IN VISUAL BASIC 3 CR. HRS.
  or CMPSC 125 CS I: PROGRAMMING IN C 3 CR. HRS.
  or CMPSC 135 CS I: PROGRAMMING IN JAVA 3 CR. HRS.
- CMWEB 200 JAVASCRIPT FOR WEB DEVELOPERS 3 CR. HRS.
- CMWEB 220 WEB SITE DEVELOPMENT WITH CSS 3 CR. HRS.
- CMWEB 240 WINDOWS WEB SERVER SCRIPTING WITH ASP.NET 3 CR. HRS.
  or CMWEB 241 PHP 3 CR. HRS.
- CMWEB 250 XML, XSL, AND RELATED TECHNOLOGIES 3 CR. HRS.
- CMWEB 270 WEB APPLICATION SECURITY 3 CR. HRS.
- CMWEB 280 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.

Recommended Course Sequence:
1st Semester: CMWEB 110; CMWEB 130;
2nd Semester: CMWEB 120; CMWEB 160 or CMPSC 115 or CMPSC 124 or CMPSC 125 or CMPSC 135; CMWEB 270; CMWEB 250
3rd Semester: CMWEB 200; CMWEB 240 or CMWEB 241; CMWEB 280; CMWEB 220

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Applied Science

Total Credit Hours: 64 to 65

Program Information: The mission of the Web Systems program is to prepare students for employment as a web professional by educating them in the skills and knowledge needed to maintain corporate intranet, extranet, and internet web sites.

Additional Program Info: Students enrolled in the Associate in Applied Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements. This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

Accreditation: Accredited by Webprofessionals.org as a Web Professional Academy

Admission To the Program: Students must demonstrate proficiency in Windows by passing CMGEN 110 or the proficiency exam and proficiency in Microsoft Office by passing CMGEN 120 or CMPSC 120 or department approval.

Contact Information: Business, Hospitality, and Information Systems Department
East Peoria Campus Technology Center
Room 205
(309) 694-5558

PROGRAM COURSES:

GENERAL COURSES:
- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.
- CMWEB 120 BUILDING WEB PAGES WITH HTML AND CSS 3 CR. HRS.
- CMWEB 130 WEB TECHNOLOGY AND BUSINESS 3 CR. HRS.
- CMWEB 135 BUSINESS USE OF SOCIAL MEDIA 3 CR. HRS.
- CMWEB 140 ELECTRONIC COMMERCE 3 CR. HRS.
- CMWEB 150 WEB ACCESSIBILITY 3 CR. HRS.
- CMWEB 160 SCRIPTING FOR WEB DESIGNERS 3 CR. HRS.
- CMPSC 115 ESSENTIALS OF PROGRAMMING 3 CR. HRS.
- CMPSC 124 EVENT-DRIVEN PROGRAMMING IN VISUAL BASIC 3 CR. HRS.
- CMWEB 110 COMPUTER MATHEMATICS 3 CR. HRS.
- CMWEB 125 BUSINESS MATHEMATICS 3 CR. HRS.
- CMWEB 135 BUSINESS USE OF SOCIAL MEDIA 3 CR. HRS.
- CMWEB 140 ELECTRONIC COMMERCE 3 CR. HRS.
- CMWEB 200 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.
- CMWEB 205 WEB APPLICATION SECURITY 3 CR. HRS.
- CMWEB 210 WEB SERVER ADMINISTRATION 3 CR. HRS.
- CMWEB 215 WEB SERVER ADMINISTRATION 3 CR. HRS.
- CMWEB 220 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.
- CMWEB 225 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.
- CMWEB 230 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.
- CMWEB 235 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.
- CMWEB 240 PS HTML AND CSS 3 CR. HRS.
- CMWEB 245 HTML AND CSS 3 CR. HRS.
- CMWEB 250 XML, XSL, AND RELATED TECHNOLOGIES** 3 CR. HRS.
- CMWEB 255 XML, XSL, AND RELATED TECHNOLOGIES** 3 CR. HRS.
- CMWEB 260 WEB INTERNSHIP 1 CR. HR.
- CMWEB 270 WEB APPLICATION SECURITY 3 CR. HRS.
- CMWEB 280 WEB PAGE DEVELOPMENT FOR MOBILE DEVICES 3 CR. HRS.
- CMWEB 290 WEB SERVER ADMINISTRATION 3 CR. HRS.
- CMWEB 295 WEB SERVER ADMINISTRATION 3 CR. HRS.

** Students wishing to pursue a career in Web Development should take CMWEB 250 and 235.

Recommended Course Sequence:
1st Semester: BUS 120 or CMGEN 123; CMWEB 110; CMWEB 135; CMWEB 150; ENGL 110 or ENGL 215 or ENGL 201
2nd Semester: CMWEB 120; CMWEB 130; CMWEB 160 or CMPSC 115 or CMPSC 124 or CMPSC 125 or CMPSC 135; Mathematics/Laboratory Science; CMWEB 140
3rd Semester: CMPSC 220; CMWEB 220; CMWEB 225; CMWEB 290; CMWEB 235 or CMWEB 115
4th Semester: CMWEB 240 or CMWEB 241; CMWEB 250 or CMWEB 155; CMWEB 260; CMWEB 225; CMWEB 270
5th Semester: Summer Semester 2: Humanities; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 40 to 41

Program Information: The mission of the Webmaster Certificate program is to prepare students for employment as a Webmaster by educating and providing them with hands-on experience with the current technologies and problem solving skills needed for the wide range of duties as a Webmaster in business and industry.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Accreditation: Accredited by Webprofessionals.org as a Web Professional Academy

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Webmaster

PROGRAM COURSES:

- CMCIS 151 NETWORK FUNDAMENTALS 4 CR. HRS.
- CMNET 150 COMPUTER HARDWARE INFRASTRUCTURE 3 CR. HRS.
- CMNET 210 WINDOWS SERVER ADMINISTRATION 3 CR. HRS.
- CMNET 220 NETWORK INFRASTRUCTURE ADMINISTRATION 3 CR. HRS.
- CMNET 250 ADVANCED SECURITY TOPICS 3-4 CR. HRS.
- CMWEB 110 HTML AND ADVANCED INTERNET 3 CR. HRS.
- CMWEB 120 BUILDING WEB PAGES WITH HTML AND CSS 3 CR. HRS.
- CMWEB 130 WEB TECHNOLOGY AND BUSINESS 3 CR. HRS.
- CMWEB 135 BUSINESS USE OF SOCIAL MEDIA 3 CR. HRS.
- CMWEB 155 WEB USER EXPERIENCE DESIGN 3 CR. HRS.
- CMWEB 160 SCRIPTING FOR WEB DESIGNERS 3 CR. HRS.
- CMWEB 270 WEB APPLICATION SECURITY 3 CR. HRS.
- CMWEB 290 WEB SERVER ADMINISTRATION 3 CR. HRS.

Recommended Course Sequence:
1st Semester: CMWEB 110, CMWEB 130, CMCIS 151, CMWEB 135, CMNET 150
2nd Semester: CMWEB 120, CMWEB 160, CMWEB 155, CMNET 210
3rd Semester: CMWEB 270, CMNET 220, CMWEB 290, CMNET 250

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 12

Program Information: The mission of the Welding Operator certificate program is to prepare students with skill in the major commercial welding processes as entry level welders for industry.

Additional Program Info: The Welding Operator certificate consists of twelve semester hours of instruction. Upon completion of this program, the graduate is prepared for entry-level employment as a production welder.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5171 or
(309) 694-5510

<table>
<thead>
<tr>
<th>Program Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLDTR 111 WELDING BLUEPRINT READING</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>WLDTR 112 WELDING THEORY I</td>
<td>1 CR. HR.</td>
</tr>
<tr>
<td>WLDTR 118 MAINTENANCE WELDING</td>
<td>2 CR. HRS.</td>
</tr>
<tr>
<td>WLDTR 121 STICK WELDING I</td>
<td>1 CR. HR.</td>
</tr>
<tr>
<td>WLDTR 122 STICK WELDING II</td>
<td>1 CR. HR.</td>
</tr>
<tr>
<td>WLDTR 123 STICK WELDING III</td>
<td>1 CR. HR.</td>
</tr>
<tr>
<td>WLDTR 212 WELDING THEORY II</td>
<td>1 CR. HR.</td>
</tr>
<tr>
<td>WLDTR 225 SEMI-AUTOMATIC ARC WELDING</td>
<td>1 CR. HR.</td>
</tr>
<tr>
<td>WLDTR 227 ADVANCED INDUSTRIAL SEMI-AUTOMATIC ARC WELDING (GMAW)</td>
<td>1 CR. HR.</td>
</tr>
</tbody>
</table>

Recommended Course Sequence:
1st Semester: WLDTR 111; WLDTR 112; WLDTR 118; WLDTR 121; WLDTR 122; WLDTR 123; WLDTR 212; WLDTR 225; WLDTR 227

For the most up-to-date program requirements, go online to the College catalog: [www.icc.edu/catalog](http://www.icc.edu/catalog)

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 30

Program Information: The mission of the Welding Specialist certificate program is to develop entry level welders for industry with skill in major commercial welding processes capable of part layout, inspection, and process troubleshooting.

Additional Program Info: The Welding Specialist certificate includes thirty semester hours of study and can be completed by the full-time student in two semesters. It provides additional welding skill, as well as enrichment in related areas such as drafting, machine trades, industrial safety and mathematics. The graduate is prepared for entry level employment as a production or maintenance welder.

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 209
(309) 694-5510 or (309) 694-5171

Welding Specialist

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.

PROGRAM COURSES:
- MAT 094 ELEMENTARY ALGEBRA 5 CR. HRS.
- MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 CR. HRS.
- MECTK 106 BASIC DRAFTING 2 CR. HRS.
- WLDTR 111 WELDING BLUEPRINT READING 3 CR. HRS.
- WLDTR 112 WELDING THEORY I 1 CR. HR.
- WLDTR 118 MAINTENANCE WELDING 2 CR. HRS.
- WLDTR 121 STICK WELDING I 1 CR. HR.
- WLDTR 122 STICK WELDING II 1 CR. HR.
- WLDTR 123 STICK WELDING III 1 CR. HR.
- WLDTR 210 WELDING EQUIPMENT MAINTENANCE AND OPERATION 3 CR. HRS.
- WLDTR 212 WELDING THEORY II 1 CR. HR.
- WLDTR 225 SEMI-AUTOMATC ARC WELDING 1 CR. HR.
- WLDTR 226 GAS TUNGSTEN ARC WELDING 1 CR. HR.
- WLDTR 227 ADVANCED INDUSTRIAL SEMI-AUTOMATIC ARC WELDING (GMAW) 1 CR. HR.

Recommended Course Sequence:
1st Semester: WLDTR 112; WLDTR 121; WLDTR 122; WLDTR 123; WLDTR 212; WLDTR 225; ENGL 110; MAT 104
2nd Semester: WLDTR 111; WLDTR 118; WLDTR 226; WLDTR 227; WLDTR 210; MAT 106; MECTK 106

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Welding Technology

GENERAL COURSES:
- ENGL 110  COMPOSITION I  3 CR. HRS.
- ENGL 201  TECHNICAL COMMUNICATIONS  3 CR. HRS.
- SOCIAL SCIENCE*  3 CR. HRS.
- MATH 130  TECHNICAL ALGEBRA AND TRIGONOMETRY  5 CR. HRS.
- PHYS 112  TECHNICAL PHYSICS I  4 CR. HRS.
- COMM 110  COMMUNICATION: PROCESS AND PRACTICE  3 CR. HRS.
- or  COMM 113  BUSINESS AND PROFESSIONAL SPEAKING  3 CR. HRS.

PROGRAM COURSES:
- BUS 200  HUMAN RELATIONS IN BUSINESS  3 CR. HRS.
- MECTK 106  BASIC DRAFTING  2 CR. HRS.
- MECTK 110  INTRODUCTION TO THE TOOLS OF TECHNOLOGY  3 CR. HRS.
- MECTK 138  MANUFACTURING PROCESSES I  3 CR. HRS.
- MECTK 232  MATERIALS SCIENCE AND PHYSICAL METALLURGY  3 CR. HRS.
- WLDTR 111  WELDING BLUEPRINT READING  3 CR. HRS.
- WLDTR 112  WELDING THEORY I  1 CR. HR.
- WLDTR 118  MAINTENANCE WELDING  2 CR. HRS.
- WLDTR 121  STICK WELDING I  1 CR. HR.
- WLDTR 122  STICK WELDING II  1 CR. HR.
- WLDTR 123  STICK WELDING III  1 CR. HR.
- WLDTR 210  WELDING EQUIPMENT MAINTENANCE AND OPERATION  3 CR. HRS.
- WLDTR 212  WELDING THEORY II  1 CR. HR.
- WLDTR 225  SEMI-AUTOMATIC ARC WELDING  1 CR. HR.
- WLDTR 226  GAS TUNGSTEN ARC WELDING  1 CR. HR.
- WLDTR 227  ADVANCED INDUSTRIAL SEMI-AUTOMATIC ARC WELDING (GMAW)  1 CR. HR.
- WLDTR 230  WELD TESTING  3 CR. HRS.
- WLDTR 240  ADVANCED WELDING  3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVE/INTERNSHIP  3-4 CR. HRS.
- TECHNICAL ELECTIVE  3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

Recommended Course Sequence:
1st Semester: WLDTR 111; WLDTR 112; ENGL 110; MECTK 110; WLDTR 121; WLDTR 122; MECTK 138
2nd Semester: WLDTR 123; ENGL 201; MATH 130; WLDTR 212; COMM 110 or COMM 113; WLDTR 225; MECTK 106
3rd Semester: WLDTR 226; WLDTR 227; WLDTR 210; PHYS 112; MECTK 232; Social Science; Technical Elective
4th Semester: WLDTR 230; WLDTR 240; WLDTR 118; Elective/Internship; BUS 200

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Certificate

Total Credit Hours: 35

Program Information: The mission of the Word Processing Specialist Certificate is to prepare students for entry-level positions in information processing by developing a high level of keyboarding and word processing skill in conjunction with entry-level office skills.

Additional Program Info: Students enrolled in this program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements.

Admission To the Program: Students are expected to be computer literate, to know the Windows operating system, and be able to touch type. If this is not the case, TYPE 120 and 121 are prerequisites for entering this program. Contact the Business, Hospitality, and Information Systems department for information regarding the TYPE 120 placement exam and the TYPE 121 proficiency exam.

To Remain in and Graduate From the Program: Students should submit a complete an “Application for Degree/Certificate” after completing 26-30 hours. The form is available in Enrollment Services, L211.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Word Processing Specialist

PROGRAM COURSES:

- BUS 120 BUSINESS MATHEMATICS 3 CR. HRS.
- OFACS 125 POWERPOINT 1 CR. HR.
- OFACS 126 OUTLOOK 1 CR. HR.
- OFACS 132 ELECTRONIC SPREADSHEETS 3 CR. HRS.
- OFOCC 111 TELEPHONE SKILLS FOR THE OFFICE 1 CR. HR.
- OFOCC 114 FUNDAMENTALS OF TRANSCRIPTION 3 CR. HRS.
- OFOCC 151 PROFESSIONAL DEVELOPMENT FOR OFFICE EMPLOYEES 3 CR. HRS.
- OFOCC 200 MACHINE TRANSCRIPTION AND SPECIALIZED TERMINOLOGY 2 CR. HRS.
- OFOCC 205 FUNDAMENTALS OF RECORDS CONTROL 3 CR. HRS.
- OFOCC 210 ADMINISTRATIVE OFFICE PROCEDURES 3 CR. HRS.
- OFOCC 250 OFFICE OCCUPATIONS INTERNSHIP 3 CR. HRS.
- TYPE 142 TYPING SPEED DEVELOPMENT TO 60 NWPM * 1 CR. HR.
- WP 122 KEYBOARD/WORD PROCESSING III 4 CR. HRS.
- WP 161 DATA ENTRY 1 CR. HR.
- WP 186 WORD PROCESSING FOR DESKTOP PUBLISHING or OFACS 211 INTEGRATED OFFICE PROJECTS 3 CR. HRS.

* Enroll in TYPE 130 to earn credit in one of the following courses: TYPE 140, 141, 142, 143, 144, or 145.

Recommended Course Sequence:
1st Semester: BUS 120; OFOCC 111; OFOCC 151; OFACS 125; OFACS 126; WP 161
2nd Semester: OFOCC 114; OFOCC 205; WP 122; TYPE 142; OFACS 132
3rd Semester: OFOCC 200; OFOCC 210; OFOCC 250; OFACS 211 or WP 186

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
ASSOCIATE IN GENERAL STUDIES

The Associate in General Studies degree allows individuals interested in acquiring a broad range of academic courses to suit their specific needs. While it is not designed as a transfer degree, some coursework may fulfill Illinois Articulation Initiative general requirements or transfer to a four-year college or university. Students who choose this option should work closely with their advisors to determine whether this option meets current and future needs.
Associate in General Education

Total Credit Hours: 60 to 64

Program Information: The Associate in General Studies Degree is for individuals who wish to take courses to satisfy their needs and desires for self-improvement and development. Students are advised that the Associate in General Studies Degree is generally NOT intended for transfer to a four-year school or to prepare a student for employment. It should not be confused with taking General Education courses in preparation for either an Associate in Arts or Associate in Science Degree or an Associate in Applied Science Degree.

Additional Program Info: This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

Contact Information:
Advisement and Counseling Services
East Peoria Campus
Room L220
(309) 694-5281

Associate in General Studies

GENERAL COURSES:

- ENGLISH* 6 CR. HRS.
- SOCIAL SCIENCE* 6 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- LABORATORY SCIENCE* 4 CR. HRS.
- HUMANITIES* 3 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES* 37 CR. HRS.

* See specific requirements for Associate in General Studies Degree.

Recommended Course Sequence:
1st Semester: Humanities; Electives
2nd Semester: English; Mathematics; Electives
3rd Semester: Laboratory Science; Social Science; Electives
4th Semester: English; Social Science; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
ASSOCIATE IN ARTS
ASSOCIATE IN SCIENCE

The Associate in Arts and Associate in Science degrees are designed to provide students with the foundation for transferring to a four-year college or university. Each degree requires a minimum of 60 credit hours; approximately 40 of those hours are in general education coursework. (See page 29-30 for general education requirements) Students usually choose to focus the remaining hours of coursework in their future area of emphasis.

A special agreement called the Illinois Articulation Initiative (IAI) works to make transfers between participating colleges and universities within Illinois smoother. Most colleges and universities will accept no more than roughly 66 credit hours from community colleges towards a bachelors degree. Colleges participating in the IAI agree to accept the general education coursework completed at ICC as a package – to meet the general education requirements at IAI participating schools. Some schools have additional or specific courses they want above the IAI gen eds. To most effectively plan coursework at ICC, students should work with their advisor and the Illinois Central College Transfer Center.

The following pages outline recommended coursework that will help prepare a student for continued education in their selected field of study.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: In addition to the General Requirements for a Degree, candidates for the degree of Associate in Arts must complete at least 60 semester hours of TRANSFER CREDIT courses including the General Education requirements shown below. Check current IAI transfer status by confirming at www.ITransfer.org. See the current ICC catalog for further descriptions. Courses labeled occupational credit (OC) in course descriptions may not be applied to degree requirements. All students who earn the Associate in Arts Degree must complete the specific degree requirements in effect for the Associate in Arts degree at the time they complete the “Application for Degree/Certificate”.

While a foreign language is NOT required for graduation at ICC, students are strongly advised to check the requirements of the program at the college or university to which they intend to transfer.

Contact Information:
Academic Advisement
East Peoria Campus
Career Center
Room CC201
(309) 694-5281

GENERAL COURSES:

- COMMUNICATION* 3 CR. HRS.
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES 23 CR. HRS.

* See specific requirements for Associate in Arts Degree.

Recommended Course Sequence:
1st Semester: ENGL 110; Life Science; Humanities; COMM 110; Electives
2nd Semester: ENGL 111; Social Science; Physical Science; Fine Arts; Electives
3rd Semester: Social Science; Mathematics; Electives
4th Semester: Humanities/Fine Arts; Social Science; Electives

Additional Program Info: This degree program is offered online. Please contact the Virtual Campus Office for more information, (309) 694-8888 or www.icc.edu/VirtualCampus.

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: In addition to the General Requirements for a Degree, candidates for the degree of Associate in Science must complete at least 60 semester hours of TRANSFER CREDIT courses including the General Education requirements shown below. Check current IAI transfer status by confirming at www.iTransfer.org. See the ICC college catalog for further IAI descriptions. Courses labeled occupational credit (OC) in course descriptions may not be applied to degree requirements. All students who earn the Associate in Science Degree must complete the specific degree requirements in effect for the Associate in Science degree at the time they complete the “Application for Degree/Certificate”.

While a foreign language is NOT required for graduation at ICC, students are strongly advised to check the requirements of the program at the college or university to which they intend to transfer.

Contact Information:
Academic Advisement
East Peoria Campus
Career Center
Room CC201
(309) 694-5281

GENERAL COURSES:

- COMMUNICATION* 3 CR. HRS.
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- MATHEMATICS* 6-8 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES 19-21 CR. HR.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: ENGL 110; Life Science; Humanities; COMM 110; Electives
2nd Semester: ENGL 111; Social Science; Physical Science; Fine Arts; Electives
3rd Semester: Social Science; Mathematics; Electives
4th Semester: Humanities/Fine Arts; Social Science; Electives

Additional Program Info: This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Accountancy

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA** 3 CR. HRS.
- MATH 135 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES*** 3 CR. HRS.

PROGRAM COURSES:

- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- ACCTG 121 MANAGERIAL ACCOUNTING 4 CR. HRS.
- BUS 203 BUSINESS STATISTICS 4 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.
- CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.

* See specific requirements for Associate in Science Degree.
** The appropriate mathematics sequence is contingent on the individual.
*** When a student tests into MATH 135, 3 hours of the Mathematics requirement can be waived with the completion of MATH 135 and BUS 203 with a grade of "C" or better. Total credit hours for degree completion remains at a minimum of 64 credit hours.

Recommended Course Sequence:
1st Semester: ENGL 110; ACCTG 120; MATH 115; COMM 110; Humanities/Fine Arts
2nd Semester: ENGL 111; ACCTG 121; MATH 135; CMPSC 120; Social Science
3rd Semester: BUS 203; ECON 110; Life Science; Humanities
4th Semester: ECON 111; BUS 215; Physical Science; Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 62 to 63

Program Information: Students who have a strong interest in mathematics and business should investigate the Actuarial Science field of study. Actuaries use mathematical, statistical, and economic models to design, price, finance, and operate benefit plans which protect people from risks of injury, illness, death, property damage, and the loss of income due to unemployment or retirement. A required background in calculus, accounting, and economics can be acquired at Illinois Central College.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

Actuarial Science

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: MATH 222; ENGL 110; Life Science; Social Science
2nd Semester: MATH 223; ENGR 230 or CMPSC 125; ENGL 111; Physical Science; Fine Arts
3rd Semester: MATH 224; COMM 110; ACCTG 120; ECON 110; Humanities
4th Semester: MATH 230; ACCTG 121; ECON 111; Humanities/Fine Arts; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: This program of study sequence is designed for students planning to transfer to a four-year institution pursuing a Bachelor of Science degree in Agriculture. The student is encouraged to enroll in courses required at the transferring institution so it is important that each student determine as early as possible which institution he/she is planning to attend after completion of courses at Illinois Central College.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Admission To the Program: The student enrolling in this curriculum should be in the upper half of his/her high school class or have an ACT composite score of 20 or above. Job availability will be dependent upon the major at the four-year institution. Students are encouraged to complete the following courses in high school: (1) three or four years of mathematics; (2) two or three years of science; (3) four years of English; and (4) two to four years of agriculture (where offered). High School Recommendations: 3-4 years of mathematics; 2-3 years of science; 4 years of English; and 2-4 year of agriculture (where offered).

Contact Information:
Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building
Room 118
(309) 694-5171

Agriculture

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3-4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.

PROGRAM COURSES:
- AGBUS 110 INTRODUCTORY ECONOMICS OF FOOD, FIBER, AND NATURAL RESOURCES 3 CR. HRS.
- AGBUS 115 COMPUTER TECHNOLOGY IN AGRICULTURE 3 CR. HRS.
- AGMEC 110 INTRODUCTORY AGRICULTURAL MECHANIZATION 3 CR. HRS.
- AGRI 110 PRINCIPLES OF ANIMAL SCIENCE 4 CR. HRS.
- AGRI 200 INTRODUCTORY SOIL SCIENCE 4 CR. HRS.
- AGRI 204 INTRODUCTORY CROP SCIENCE 4 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: ENGL 110; Life Science; AGRI 110; ECON 110; Mathematics
2nd Semester: ENGL 111; Physical Science; AGBUS 110; AGMEC 110; Mathematics
3rd Semester: AGRI 204; Social Science; COMM 110, Humanities; Fine Arts
4th Semester: AGRI 200; AGBUS 115; Humanities/Fine Arts; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

**Total Credit Hours:** 60 to 64

**Program Information:** This program of study is designed to satisfy requirements for the first two years at the University of Illinois Urbana-Champaign School of Architecture. Students who complete this sequence and are admitted to the University of Illinois typically enter as juniors.

**Additional Program Info:** Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

**Admission To the Program:** Suggested high school courses should include four years of high school mathematics, two to three years of foreign language, one laboratory science, and one year of architectural drafting or art. Students must complete basic skills placement testing before admission into this program.

**Contact Information:**
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113 or
Dirksen Hall, (309) 694-5734

---

**Architecture**

**GENERAL COURSES:**

- **FINE ARTS*** 3 CR. HRS.
- **HUMANITIES*** 3 CR. HRS.
- **HUMANITIES/FINE ARTS*** 3 CR. HRS.
- **LIFE SCIENCE** 3-4 CR. HRS.
- **SOCIAL SCIENCE*** 3 CR. HRS.
- **COMM 110** COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- **ENGL 110** COMPOSITION I 3 CR. HRS.
- **ENGL 111** COMPOSITION II 3 CR. HRS.
- **HIST 111** EARLY WORLD CIVILIZATIONS or HIST 112 MODERN WORLD CIVILIZATIONS 4 CR. HRS.
- **HIST 117** EARLY WESTERN CIVILIZATION or HIST 118 MODERN WESTERN CIVILIZATION 3 CR. HRS.
- **MATH 222** CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- **MATH 223** CALCULUS AND ANALYTIC GEOMETRY II** 4 CR. HRS.
- **PHYS 120** GENERAL PHYSICS 5 CR. HRS.

**PROGRAM COURSES:**

- **ARCH 110** ARCHITECTURAL ORIENTATION 3 CR. HRS.
- **ARCH 131** ARCHITECTURAL CONSTRUCTION I 4 CR. HRS.
- **ARCH 132** ARCHITECTURAL CONSTRUCTION II 4 CR. HRS.
- **ARCH 137** FUNDAMENTALS OF ARCHITECTURAL DRAWING 3 CR. HRS.
- **ARCH 201** BASIC DESIGN STUDIO I 3 CR. HRS.
- **ARCH 202** BASIC DESIGN STUDIO II 3 CR. HRS.
- **ARCH 203** INTRODUCTION TO THE HISTORY OF ARCHITECTURE 3 CR. HRS.

*See specific requirements for Associate in Arts Degree.

**Recommended Course Sequence:**

1st Semester: ARCH 110; ENGL 110; Life Science; Fine Arts; Social Science
2nd Semester: ARCH 131; ENGL 111; PHYS 120; Humanities; COMM 110
3rd Semester: ARCH 132; ARCH 201; MATH 222; HIST 117 or HIST 118; Humanities/Fine Arts
4th Semester: ARCH 203; ARCH 202; HIST 111 or HIST 112; ARCH 137; MATH 223

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: The Art program of study provides the basic general education requirements and art courses for students planning to transfer to a four-year institution to earn a baccalaureate degree. Art students should keep in constant preparation a portfolio of their work. It is often from these works that class placement is determined when transferring to a four-year institution.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309)694-5113

Art

GENERAL COURSES:
- ART HISTORY I 3 CR. HRS.
- ART HISTORY II 3 CR. HRS.
- COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- COMPOSITION I 3 CR. HRS.
- COMPOSITION II 3 CR. HRS.

PROGRAM COURSES:
- 2D DESIGN 3 CR. HRS.
- 3D DESIGN 3 CR. HRS.
- BASIC DRAWING 3 CR. HRS.
- FIGURE DRAWING I 3 CR. HRS.
- PAINTING I 3 CR. HRS.
- ADVANCED DRAWING 3 CR. HRS.
- ART ELECTIVES** 6 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Art Electives: ART 140, 201, 204, 206, 210, and 221

Recommended Course Sequence:
1st Semester: ART 111; ART 120; ART 150; ENGL 110; Life Science
2nd Semester: ART 112; ART 222; ART 151; ENGL 111; Physical Science
3rd Semester: ART 121; ART 200; Art Elective, Social Science; Social Science
4th Semester: Art Electives; COMM 110; Social Science; Humanities; Mathematics

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Program Information: Students identified as biological science majors take two years of basic work, followed by a major in a specific area of interest. Many occupations depend on an interest in and an aptitude for life science, including: forester, biochemist, biologist, fish and wildlife service, zoologist, botanist, ecologist, oceanographer, teacher, pharmacologist, etc. Biology majors are usually interested in the study of organisms and life functions, and have a great interest in the natural world. Topics pursued range from subcellular particles to vast populations. Since each living organism is part of a larger interacting system, biology is intertwined with other important fields of study. Knowledge of biology is centered on understanding much of the world and life around us. There is probably no more important work bearing upon the future of mankind than the work done by the biologist.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-3365

Biology

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BIOL 160 BIOPRINCIPLES I 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 165 PRECALCULUS 5 CR. HRS.
- MATH 211 STATISTICAL ANALYSIS 4 CR. HRS.

PROGRAM COURSES:
- BIOL 161 BIOPRINCIPLES II 4 CR. HRS.
- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- CHEM 220 ORGANIC CHEMISTRY 5 CR. HRS.
- CHEM 230 ORGANIC CHEMISTRY 4 CR. HRS.
- PHYS 120 GENERAL PHYSICS or BIOLOGY ELECTIVE 4-5 CR. HRS.
- PHYS 121 GENERAL PHYSICS or BIOLOGY ELECTIVE 4-5 CR. HRS.

* See specific requirements for Associate in Science degree.

Recommended Course Sequence:
1st Semester: BIOL 160; CHEM 130; MATH 165; ENGL 110
2nd Semester: BIOL 161; CHEM 132; MATH 211; ENGL 111; Social Science
3rd Semester: CHEM 220; PHYS 120 or Biology Elective; COMM 110; Humanities; Social Science
4th Semester: CHEM 230; PHYS 121 or Biology Elective; Social Science; Humanities/Fine Arts; Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Program Information: The Business Administration program of study is for students intending to transfer to a four-year institution to pursue a bachelor's degree in business-oriented fields such as general management, marketing, advertising, finance and production management. Students have obtained successful business careers with firms such as Caterpillar Inc., General Electric, Proctor and Gamble, and IBM. Illinois Central College has special articulation agreements with many four-year institutions insuring transfer of course work. PLEASE CONTACT AN ACADEMIC ADVISOR REGARDING THESE AGREEMENTS. Specialty courses in the student's major are usually taken at the transfer institution during the junior and senior years.

Additional Program Info: This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

General Courses:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA** 3 CR. HRS.
- MATH 135 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES*** 4 CR. HRS.

Program Courses:
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- ACCTG 121 MANAGERIAL ACCOUNTING 4 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS or BUS 111 INTERNATIONAL BUSINESS 3 CR. HRS.
- BUS 203 BUSINESS STATISTICS 4 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.

* See specific requirements for Associate in Science Degree.
** The appropriate mathematics sequence is contingent on the individual
*** When a student tests into MATH 135, 3 hours of the Mathematics requirement can be waived with the completion of MATH 135 and BUS 203 with a grade of "C" or better. Total credit hours for degree completion remains at a minimum of 60 credit hours.

Recommended Course Sequence:
1st Semester: ENGL 110; ACCTG 120; MATH 115; BUS 110 or BUS 111; Humanities
2nd Semester: ENGL 111; ACCTG 121; MATH 135; Social Science; Fine Arts
3rd Semester: ECON 110; BUS 215; Humanities/Fine Arts; Physical Science
4th Semester: ECON 111; COMM 110; BUS 203; Life Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: The Chemistry course of study is designed for students planning to transfer to a senior college or university for completion of a baccalaureate degree. During the first two years, students concentrate on building a strong foundation in the sciences and mathematics. The chemistry curriculum is sufficiently flexible to meet the needs of students with the following goals: (1) industrial research and development, (2) environmental research, (3) liberal arts background for medical and allied health professions, (4) secondary teaching of chemistry, or (5) chemical engineering.

To Remain in and Graduate From the Program: Students enrolled in the Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: Communications is the most significant tool of humankind. In various forms, communication is all around us and constitutes the basis for all human interaction. Courses at Illinois Central College are designed to allow the student to explore both the practical and creative natures of communication as it relates to the world in which we live. Illinois Central College provides three approaches to the study of communication - the General Communication Studies Option, the Mass Communication Option and the Public Relations Option. As a natural outgrowth and extension of communication classes, Illinois Central College’s Forensic Union/Speech Team offers interested students the opportunity to participate in an intercollegiate forensic program, which has achieved several national championships. Students completing the Public Relations Option should consider elective courses in business, marketing, or political science.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Communication -
General Communication

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 111 GENERAL EDUCATION STATISTICS 3 CR. HRS.

PROGRAM COURSES:

- COMM 113 BUSINESS AND PROFESSIONAL SPEAKING 3 CR. HRS.
- COMM 115 INTRODUCTION TO PUBLIC RELATIONS 3 CR. HRS.
- COMM 120 INTERPERSONAL COMMUNICATION 3 CR. HRS.
- COMM 203 COMMUNICATION: GROUP DYNAMICS 3 CR. HRS.
- COMM 204 INTERCULTURAL COMMUNICATION 3 CR. HRS.
- COMM 212 PUBLIC SPEAKING 3 CR. HRS.
- COMM 245 INTRODUCTION TO COMMUNICATION THEORY 3 CR. HRS.
- MCOMM 113 INTRODUCTION TO RADIO, TV, AND EMERGING MEDIA 3 CR. HRS.

*See specific requirements for Associate in Arts Degree.

Recommended Course Sequence:
1st Semester: COMM 110; COMM 120; Social Science; COMM 245; Fine Arts
2nd Semester: MCOMM 113; COMM 203; ENGL 110; Life Science
3rd Semester: COMM 115; COMM 113; COMM 212; Physical Science; Social Science; ENGL 111
4th Semester: COMM 204; Social Science; Humanities; Fine Arts; MATH 111

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts
Total Credit Hours: 60 to 64

Program Information: Communications is the most significant tool of humankind. In various forms, communication is all around us and constitutes the basis for all human interaction. Courses at Illinois Central College are designed to allow the student to explore both the practical and creative natures of communication as it relates to the world in which we live. Illinois Central College provides three approaches to the study of communication - the General Communication Studies Option, the Mass Communication Option and the Public Relations Option. As a natural outgrowth and extension of communication classes, Illinois Central College's Forensic Union/Speech Team offers interested students the opportunity to participate in an intercollegiate forensic program, which has achieved several national championships. Students completing the Public Relations Option should consider elective courses in business, marketing, or political science.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Communication - Public Relations

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- HUMAN 125 CONTEMPORARY HUMANITIES 3 CR. HRS.
- MATH 111 GENERAL EDUCATION STATISTICS 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SSC 111 AMERICANS AND THEIR CULTURE 3 CR. HRS.
  or POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.

PROGRAM COURSES:
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
  or MKTG 112 PRINCIPLES OF MARKETING 3 CR. HRS.
- COMM 115 INTRODUCTION TO PUBLIC RELATIONS 3 CR. HRS.
  or COMM 120 INTERPERSONAL COMMUNICATION 3 CR. HRS.
  or COMM 113 BUSINESS AND PROFESSIONAL SPEAKING 3 CR. HRS.
  or COMM 204 INTERCULTURAL COMMUNICATION 3 CR. HRS.
  or COMM 203 COMMUNICATION: GROUP DYNAMICS 3 CR. HRS.
- COMM 248 SPECIAL TOPICS IN PUBLIC RELATIONS 1-3 CR. HRS.
- COMM 255 COMMUNICATION INTERNSHIP II 1-3 CR. HRS.
- MCOMM 113 INTRODUCTION TO RADIO, TV, AND EMERGING MEDIA 3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVE 1 CR. HR.

* See specific requirements for Associate in Arts Degree

Recommended Course Sequence:
1st Semester: COMM 110; COMM 120 or COMM 113; ENGL 110; PSY 110; Fine Arts Physical Science
2nd Semester: COMM 115; COMM 204 or COMM 203; ENGL 111; MATH 111; Fine Arts Physical Science
3rd Semester: MCOMM 113; BUS 110 or MKTG 112; Social Science; Life Science; Fine Arts Physical Science
4th Semester: COMM 248; HUMAN 125; SSC 111 or POLSC 115; COMM 255; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog
Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: This program of study is designed for people planning to transfer to a four-year college or university for completion of a baccalaureate degree in Computer Science with an Information Systems emphasis. The baccalaureate degree prepares the student for careers in computer programming, systems analysis, and (with experience) management positions in computer information systems.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

Computer Information Systems - Business Emphasis

GENERAL COURSES:
- FINE ARTS 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA 3 CR. HRS.
- MATH 122 DISCRETE MATHEMATICS I 3 CR. HRS.

PROGRAM COURSES:
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- CMPSC 120 BUSINESS COMPUTER SYSTEMS 3 CR. HRS.
- CMPSC 125 CS I: PROGRAMMING IN C++
  or CMPSC 135 CS I: PROGRAMMING IN JAVA 3 CR. HRS.
- CMPSC 212 CS II: ADVANCED PROGRAMMING IN C ++
  or CMPSC 235 CS II: ADVANCED PROGRAMMING IN JAVA 3 CR. HRS.
- MATH 135 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES 4 CR. HRS.

ELECTIVE COURSES:
- APPROVED ELECTIVE 3 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: ENGL 110; ECON 110; MATH 115; CMPSC 120; CMPSC 125 or CMPSC 135
2nd Semester: ENGL 111; ECON 111; MATH 135; CMPSC 212 or CMPSC 235; COMM 110
3rd Semester: ACCTG 120; Physical Science; Fine Arts; Humanities; Approved Elective
4th Semester: MATH 122; Life Science; Humanities/Fine Arts; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Computer Information Systems - Technical Emphasis

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 122 DISCRETE MATHEMATICS I 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.

**PROGRAM COURSES:**
- CMPSC 125 CS I: PROGRAMMING IN C++ 3 CR. HRS.
  - or
- CMPSC 135 CS I: PROGRAMMING IN JAVA 3 CR. HRS.
- CMPSC 212 CS II: ADVANCED PROGRAMMING IN C+++ 3 CR. HRS.
  - or
- CMPSC 235 CS II: ADVANCED PROGRAMMING IN JAVA 3 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.
- MATH 224 CALCULUS AND ANALYTIC GEOMETRY III 4 CR. HRS.
- PHYS 211 ENGINEERING PHYSICS: MECHANICS+4 CR. HRS.

* See specific requirements for Associate in Science Degree.

**Recommended Course Sequence:**
1st Semester: ENGL 110; MATH 222; CMPSC 125 or 135; CHEM 130
2nd Semester: ENGL 111; MATH 223; CMPSC 212 or 235; Life Science; PHYS 211
Summer Semester: Social Science
3rd Semester: COMM 110; Humanities; Social Science; MATH 224
4th Semester: MATH 122; Humanities/Fine Arts; Social Science; Fine Arts
Criminal Justice

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

**PROGRAM COURSES:**
- CRJ 110 INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM 3 CR. HRS.
- CRJ 114 INTRODUCTION TO CORRECTIONS 3 CR. HRS.
- CRJ 118 JUVENILE DELINQUENCY 3 CR. HRS.
- CRJ 119 CORRECTIONAL LAW or CRJ 225 CRIMINAL LAW 3 CR. HRS.
- POLSC 119 STATE AND LOCAL GOVERNMENT 3 CR. HRS.
- SOC 210 INTRODUCTION TO CRIMINOLOGY 3 CR. HRS.

**ELECTIVE COURSES:**
- ELECTIVE** 3 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Suggested electives: CRJ 111, 112, 121, 130, 227, 230, 250

Recommended Course Sequence:
- 1st Semester: CRJ 110; CRJ 118; SOC 110; ENGL 110; POLSC 119
- 2nd Semester: CRJ 114; ENGL 111; PSY 110; Fine Arts; Elective
- Summer Semester 1: COMM 110
- 3rd Semester: POLSC 115; Humanities; Life Science; Mathematics
- 4th Semester: CRJ 119 or CRJ 225; SOC 210; Humanities/Fine Arts; Mathematics; Physical Science
**Dance**

**GENERAL COURSES:**
- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MUS 150 MUSIC APPRECIATION 3 CR. HRS.
- THTRE 110 THEATRE APPRECIATION 3 CR. HRS.

**PROGRAM COURSES:**
- DANCE 110 BEGINNING TECHNIQUES OF CLASSICAL BALLET 2 CR. HRS.
- DANCE 120 INTERMEDIATE TECHNIQUES OF CLASSICAL BALLET 2 CR. HRS.
- DANCE 130 JAZZ DANCE I 1 CR. HR.
- DANCE 131 JAZZ DANCE II 2 CR. HRS.
- DANCE 140 MODERN DANCE I 1 CR. HR.
- DANCE 141 MODERN DANCE II 2 CR. HRS.
- DANCE 150 TAP DANCE I 1 CR. HR.
- DANCE 151 TAP DANCE II 2 CR. HRS.
- DANCE 210 ADVANCED TECHNIQUES OF CLASSICAL BALLET 2 CR. HRS.
- DANCE 211 ADVANCED TECHNIQUES OF CLASSICAL BALLET II 2 CR. HRS.
- PHYED 116 INTRODUCTION TO RECREATION 2 CR. HRS.
- THTRE 113 INTRODUCTION TO TECHNICAL THEATRE 3 CR. HRS.
- THTRE 115 STAGE MAKE-UP 2 CR. HRS.

* See specific requirements for Associate in Arts Degree.

**Recommended Course Sequence:**
1st Semester: DANCE 110; DANCE 130; ENGL 110; THTRE 110; COMM 110; Life Science
2nd Semester: DANCE 120; DANCE 131; ENGL 111; Physical Science; Social Science; Social Science
3rd Semester: DANCE 140; DANCE 150; DANCE 210; MUSC 150; THTRE 115; Social Science
4th Semester: DANCE 141; DANCE 151; DANCE 211; THTRE 113; PHYED 116; Humanities; Mathematics
Associate in Science

Total Credit Hours: 60 to 64

Program Information: Dietitians establish nutritional care plans, help prevent and treat illnesses through the promotion of healthy eating habits, assess and evaluate clients' nutritional needs, and oversee institutional food service systems. They also counsel individuals and groups on nutritional practices, supervise food service personnel and large scale meal planning and preparation in health care facilities, industrial cafeterias, prisons and schools, oversee food purchases, and participate in dietetic research and education.

Additional Program Info: The student is encouraged to select electives that will provide additional expertise in medical terminology, math, business, economics, marketing and accounting. (Only transferable courses numbered 110 or higher will apply towards the 60 credit hours graduation degree requirements.)

Admission To the Program: The student enrolling in this curriculum should have academic placement test scores for reading at a college level. Completion of high school algebra and geometry, and/or placement test scores into MATH 110 or 115 at Illinois Central College are favorable. High school recommendations include 2 to 3 years laboratory science, including biology and chemistry; 3 to 4 years English; 1 year algebra and 1 year geometry with grade averages of "C" or better in each of these high school courses.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended. To become a Registered Dietitian (RD), a four-year degree in Dietetics/Nutrition is required. The dietetics course of study at Illinois Central College allows students to readily transfer into the junior year at a four-year institution. After completion of the bachelor’s degree, students must apply for an internship, which is approximately 6 to 12 months long. These internships are highly competitive and therefore require the student to maintain a good grade point average to make themselves more marketable. Once the internship is completed, the student is then eligible to take the Academy of Nutrition and Dietetic's registration examination.

Contact Information:
Agricultural and Industrial Technologies Department
Dietetics Program
East Peoria Campus
AIT Building
Room 118
Telephone: Last name (A-L) (309) 694-5117
(M-Z) (309) 694-5496

Program Information:

Dietetics

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- MATHEMATICS** 3 CR. HRS.
- MATHEMATICS** 3 CR. HRS.
- SOCIAL SCIENCE** 3 CR. HRS.
- SOCIAL SCIENCE** 3 CR. HRS.
- BIOL 210 MICROBIOLOGY 4 CR. HRS.
- CHEM 120 PRINCIPLES OF CHEMISTRY I 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.

PROGRAM COURSES:

- BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY 4 CR. HRS.
- CHEM 122 PRINCIPLES OF CHEMISTRY 4 CR. HRS.
- FCS 120 PRINCIPLES OF NUTRITION 3 CR. HRS.

ELECTIVE COURSES:

- APPROVED ELECTIVES*** 8-9 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Mathematics and Social Sciences should be chosen with the help of an advisor to meet requirements of the transfer institution.
*** Electives should be chosen with the help of an advisor. Suggested courses: BIOL 111, 160, BUS 110, CMPSC 120, ACCTG 120

Recommended Course Sequence:
1st Semester: ENGL 110; COMM 110; PSY 110; Mathematics; BIOL 140
2nd Semester: ENGL 111; Humanities; BIOL 210; Mathematics; Social Science
3rd Semester: CHEM 120; Social Science; Fine Arts; FCS 120
4th Semester: CHEM 122; Humanities/Fine Arts; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: The Economics program of study is designed for students transferring to a four-year college or university for completion of a baccalaureate degree. Students should concentrate on building a strong foundation in mathematics, the social sciences, and the humanities.

Additional Program Info: This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Economics

GENERAL COURSES:
- FINE ARTS* 3-4 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- LIFE SCIENCE 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 4 CR. HRS.
or
- MATH 134 FINITE MATH 4 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.
or
- MATH 135 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES 4 CR. HRS.

PROGRAM COURSES:
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
or
- BUS 203 BUSINESS STATISTICS 4 CR. HRS.
or
- MATH 211 STATISTICAL ANALYSIS 4 CR. HRS.
- COMPUTER COURSE (TRANSFER) 3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVES 9-11 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: ENGL 110; MATH 222 or MATH 134; Social Science; Physical Science; Humanities
2nd Semester: ENGL 111; MATH 223 or MATH 135; Fine Arts; Life Science
3rd Semester: ECON 110; COMM 110; Computer Course (Transfer); Humanities/Fine Arts; Elective
4th Semester: ECON 111; BUS 203 or MATH 211; ACCTG 120; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: Requirements for admissions to four-year colleges and universities vary a great deal. However, Illinois Central College has articulated requirements with several area universities to ensure ease in transfer of credits upon completion of the Associate in Science Degree. Hence, students who comply with the terms of such articulation agreements may expect to complete baccalaureate requirements within the same period of time as if they had spent their entire academic career on the campus of the institution to which they transfer.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Education (Elementary)

GENERAL COURSES:
- LIFE SCIENCE (BIOL)* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- ART 110 ART APPRECIATION 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- INTST 132 LATIN AMERICAN HUMANITIES 3 CR. HRS.
  or INTST 133 CULTURES AND CIVILIZATIONS OF SUB-SAHARAN AFRICA 3 CR. HRS.
- MATH 200 MATHEMATICS FOR ELEMENTARY TEACHERS I** 4 CR. HRS.
- MATH 201 MATHEMATICS FOR ELEMENTARY TEACHERS II 3 CR. HRS.
- MUS 148 INTRODUCTION TO JAZZ 3 CR. HRS.
  or MUS 150 MUSIC APPRECIATION 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- PSY 202 CHILD AND ADOLESCENT DEVELOPMENT 3 CR. HRS.

PROGRAM COURSES:
- EDUC 111 INTRODUCTION TO AMERICAN EDUCATION 3 CR. HRS.
- EDUC 212 FIELD EXPERIENCE IN EDUCATION 2 CR. HRS.
- HIST 201 AMERICAN HISTORY TO 1877 3 CR. HRS.
  or HIST 202 AMERICAN HISTORY SINCE 1877 3 CR. HRS.
- HLTH 150 FOUNDATIONS OF HEALTH 3 CR. HRS.
- EDUC 211 INTRODUCTION TO THE EXCEPTIONAL INDIVIDUAL 3 CR. HRS.
- PSY 200 EDUCATIONAL PSYCHOLOGY 3 CR. HRS.

ELECTIVE COURSES:
- MATH 190 MATHEMATICAL REASONING FOR THE ELEMENTARY TEACHER I** 3 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Students transferring to Illinois State University need to complete MATH 190 instead of MATH 200.

Recommended Course Sequence:
1st Semester: ENGL 110; PSY 110; EDUC 111; Life Science (BIOL); ART 110
2nd Semester: ENGL 111; PSY 202; INTST 132 or INTST 133; EDUC 212; HLTH 150
3rd Semester: COMM 110; HIST 201 or HIST 202; MATH 200; EDUC 211
4th Semester: MUS 148 or MUS 150; POLSC 115; MATH 201; Physical Science; PSY 200

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: Requirements for admission to four-year colleges and universities vary a great deal. However, Illinois Central College has articulated agreements with several area universities to ensure ease in transfer of credits upon completion of the Associate in Science Degree. Hence, students who comply with the terms of such articulation agreements may expect to complete baccalaureate requirements within the same period of time as if they had spent their entire academic career on the campus of the institution to which they transfer.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Education (Secondary)

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- INTST 132 LATIN AMERICAN HUMANITIES 3 CR. HRS.
- INTST 133 CULTURES AND CIVILIZATIONS OF SUB-SAHARAN AFRICA 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- PSY 202 CHILD AND ADOLESCENT DEVELOPMENT 3 CR. HRS.

PROGRAM COURSES:
- PSY 200 EDUCATIONAL PSYCHOLOGY 3 CR. HRS.
- HLTH 150 FOUNDATIONS OF HEALTH 3 CR. HRS.
- EDUC 111 INTRODUCTION TO AMERICAN EDUCATION 3 CR. HRS.
- EDUC 211 INTRODUCTION TO THE EXCEPTIONAL INDIVIDUAL 3 CR. HRS.
- EDUC 212 FIELD EXPERIENCE IN EDUCATION 2 CR. HRS.
- HIST 201 AMERICAN HISTORY TO 1877 3 CR. HRS.
- HIST 202 AMERICAN HISTORY SINCE 1877 3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVE** 2 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Suggested Elective: EDUC 230

Recommended Course Sequence:
1st Semester: ENGL 110; PSY 110; EDUC 111; POLSC 115; Fine Arts
2nd Semester: ENGL 111; INTST 132 or INTST 133; EDUC 212; Life Science; PSY 202
3rd Semester: COMM 110; HIST 201 or HIST 202; Humanities/Fine Arts; Mathematics; Physical Science
4th Semester: EDUC 211; HLTH 150; PSY 200; Mathematics; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: Requirements for admission to four-year colleges and universities vary a great deal. Illinois Central College has articulated agreements with several area universities to ensure ease in transfer of credits upon completion of the Associate in Science Degree.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Education (Special)

GENERAL COURSES:
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- MUS 150 MUSIC APPRECIATION 3 CR. HRS.
- MUS 148 INTRODUCTION TO JAZZ 3 CR. HRS.
- or HIST 202 AMERICAN HISTORY SINCE 1877 3 CR. HRS.
- or HIST 201 AMERICAN HISTORY TO 1877 3 CR. HRS.
- or PSY 202 CHILD AND ADOLESCENT DEVELOPMENT 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY** 4 CR. HRS.
- ART 110 ART APPRECIATION 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.

PROGRAM COURSES:
- EDUC 111 INTRODUCTION TO AMERICAN EDUCATION 3 CR. HRS.
- EDUC 211 INTRODUCTION TO THE EXCEPTIONAL INDIVIDUAL 3 CR. HRS.
- EDUC 212 FIELD EXPERIENCE IN EDUCATION 2 CR. HRS.
- HLTH 150 FOUNDATIONS OF HEALTH 3 CR. HRS.
- INTST 132 LATIN AMERICAN HUMANITIES 3 CR. HRS.
- or INTST 133 CULTURES AND CIVILIZATIONS OF SUB-SAHARAN AFRICA 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- PSY 200 EDUCATIONAL PSYCHOLOGY 3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVES*** 6 CR. HRS.

* See specific requirements for Associate in Science Degree.
** May choose BIOL 205 and 206
*** Suggested elective: CHILD 231; EDUC 230

Recommended Course Sequence:
1st Semester: ENGL 110; PSY 110; EDUC 111; POLSC 115; ART 110
2nd Semester: ENGL 111; PSY 202; EDUC 212; BIOL 140; HLTH 150; INTST 132 or 133
3rd Semester: COMM 110; PSY 200; Mathematics; Laboratory Science; EDUC 211
4th Semester: HIST 201 or 202; MUS 148 or 150; Physical Science; Mathematics; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Associate in Science**

**Total Credit Hours:** 60 to 64

**Program Information:** The Engineering course of study at Illinois Central College is designed for students planning to transfer to a university for completion of a baccalaureate degree. During the two years at Illinois Central College, the student concentrates on building a strong foundation in the sciences and mathematics, and meets the requirements for the Associate in Science degree.

**Additional Program Info:** Entry to many university engineering programs at the junior level requires additional engineering courses in the first two years. Students who complete the requirements for the Associate in Science degree may find that an additional year of study may be necessary if transferring if the engineering courses are not completed at ICC. Depending upon where a student is intending to transfer, it may be more beneficial to complete the Associate in Engineering Science Degree. All engineering students should meet with an engineering advisor as early as possible to determine which degree would be more beneficial.

**Contact Information:**
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

---

**Engineering**

**GENERAL COURSES:**
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- SOCIAL SCIENCE* 9 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- HUMANITIES/FINE ARTS* 9 CR. HRS.

**PROGRAM COURSES:**
- ENGR 110 INTRODUCTION TO ENGINEERING 1 CR. HR.
- MATH 224 CALCULUS AND ANALYTIC GEOMETRY III 4 CR. HRS.
- MATH 250 DIFFERENTIAL EQUATIONS 3 CR. HRS.
- PHYS 211 ENGINEERING PHYSICS: MECHANICS 4 CR. HRS.
- PHYS 212 ENGINEERING PHYSICS: ELECTRICITY AND MAGNETISM 4 CR. HRS.
- PHYS 213 ENGINEERING PHYSICS: THERMODYNAMICS 2 CR. HRS.

* See specific requirements for the Associate in Science Degree.

**Recommended Course Sequence:**
1st Semester: MATH 222; CHEM 130; ENGL 110; ENGR 110; Humanities/Fine Arts
2nd Semester: MATH 223; PHYS 211; ENGL 111; Humanities/Fine Arts
3rd Semester: MATH 224; PHYS 212; COMM 110; Social Science; Humanities/Fine Arts
4th Semester: MATH 250; PHYS 213; Life Science; Social Science; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: The English course of study is designed for students planning to transfer to a senior college or university for completion of a baccalaureate degree. Students build a strong background in the humanities, writing and literature. The English course of study is designed for students who have as educational goals: (1) teaching elementary or secondary language arts; (2) business writing, advertising, publishing, or editorial work; (3) pre-professional majors, especially law; (4) undecided college transfer plans; or (5) self-improvement in the areas of reading and writing.

Admission To the Program: English majors should complete four years of high school English.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information: English, Humanities, and Language Studies Department East Peoria Campus Room 315B (309) 694-5342

<table>
<thead>
<tr>
<th>General Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINE ARTS*</td>
</tr>
<tr>
<td>HUMANITIES*</td>
</tr>
<tr>
<td>INTERMEDIATE FOREIGN LANGUAGE II**</td>
</tr>
<tr>
<td>LIFE SCIENCE*</td>
</tr>
<tr>
<td>MATHEMATICS*</td>
</tr>
<tr>
<td>PHYSICAL SCIENCE*</td>
</tr>
<tr>
<td>SOCIAL SCIENCE*</td>
</tr>
<tr>
<td>SOCIAL SCIENCE*</td>
</tr>
<tr>
<td>COMM 110</td>
</tr>
<tr>
<td>ENGL 110</td>
</tr>
<tr>
<td>ENGL 111</td>
</tr>
<tr>
<td>PSY 110</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELEMENTARY FOREIGN LANGUAGE I</td>
</tr>
<tr>
<td>ELEMENTARY FOREIGN LANGUAGE II</td>
</tr>
<tr>
<td>INTERMEDIATE FOREIGN LANGUAGE I</td>
</tr>
<tr>
<td>LITERATURE***</td>
</tr>
<tr>
<td>LITERATURE***</td>
</tr>
<tr>
<td>LIT 110 or LIT 111</td>
</tr>
<tr>
<td>LIT 110</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elective Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECTIVE</td>
</tr>
</tbody>
</table>

* See specific requirements for Associate in Arts degree.
** Serves as a Humanities course requirement
*** Must be a 200-level Literature course

Recommended Course Sequence:
1st Semester: ENGL 110; Foreign Language I; PSY 110; Mathematics; Humanities; Life Science
2nd Semester: ENGL 111; Foreign Language II; Physical Science; LIT 110 or LIT 111
3rd Semester: Intermediate Foreign Language I; Social Science; COMM 110; Literature; Science
4th Semester: Intermediate Foreign Language II; Social Science; Literature, Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Environmental Science

GENERAL COURSES:

- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- SOCIAL SCIENCE* 6 CR. HRS.
- MATH 111 GENERAL EDUCATION STATISTICS 3 CR. HRS.
- MATH 165 PRECALCULUS 5 CR. HRS.
- BIOL 160 BIOPRINCIPLES I 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- HUMANITIES/FINE ARTS* 9 CR. HRS.

PROGRAM COURSES:

- BIOL 161 BIOPRINCIPLES II 4 CR. HRS.
- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- CHEM 220 ORGANIC CHEMISTRY or PHYS 120 GENERAL PHYSICS 5 CR. HRS.
- CHEM 230 ORGANIC CHEMISTRY or PHYS 121 GENERAL PHYSICS 5 CR. HRS.
- EASC 116 INTRODUCTION TO GEOLOGY 4 CR. HRS.
- EASC 118 INTRODUCTION TO WEATHER AND CLIMATE 4 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:

1st Semester: BIOL 160; CHEM 130; MATH 111; ENGL 110; ECON 110
2nd Semester: BIOL 161; CHEM 132; MATH 165; ENGL 111
3rd Semester: CHEM 220 or PHYS 120; EASC 116; COMM 110; Humanities; Social Science
4th Semester: CHEM 230 or PHYS 121; EASC 118; Social Science; Fine Arts; Humanities/Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Family and Consumer Sciences

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

**PROGRAM COURSES:**
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- FCS 120 PRINCIPLES OF NUTRITION 3 CR. HRS.
- PSY 202 CHILD AND ADOLESCENT DEVELOPMENT 3 CR. HRS.
- SOC 120 MARRIAGE AND THE FAMILY 3 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES** 7 CR. HRS.

* See specific requirements for Associate in Science Degree.

** Electives should be chosen with the help of an advisor. Suggested electives include BUS 111; MGMT 113, CMPSC 120, ACCTG 120, PSY 220, SOC 114.

Recommended Course Sequence:
1st Semester: ENGL 110, COMM 110, PSY 110, Mathematics, Humanities
2nd Semester: ENGL 111, Mathematics, SOC 110, Life Science, Fine Arts
3rd Semester: Physical Science, Social Science, Humanities/Fine Arts, BUS 110, FCS 120
4th Semester: PSY 202, SOC 120, Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
ASSOCIATE IN ARTS

Total Credit Hours: 60 to 64

Program Information: Foreign language students are offered three areas of specialty: French, German and Spanish. Each offers course work that must be taken in sequence. Completion of the Foreign Language program of study will enable students to go to a four-year institution and continue their major language during junior and senior years.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
English, Humanities, and Language Studies Department
East Peoria Campus
Room 315B
(309) 694-5342

Foreign Language

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- LITERATURE* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.

PROGRAM COURSES:
- ELEMENTARY FOREIGN LANGUAGE II or INTERMEDIATE FOREIGN LANGUAGE II 4 CR. HRS.
- ELEMENTARY FOREIGN LANGUAGE I or INTERMEDIATE FOREIGN LANGUAGE I 4 CR. HRS.
- INTERMEDIATE FOREIGN LANGUAGE I or SECOND FOREIGN LANGUAGE I 4 CR. HRS.
- INTERMEDIATE FOREIGN LANGUAGE II** or SECOND FOREIGN LANGUAGE I 4 CR. HRS.
- SOCIAL SCIENCE+6 CR. HRS.

ELECTIVE COURSES:
- ELECTIVE 1 CR. HR.

* See specific requirements for Associate in Arts Degree.
** Serves as a Humanities elective.

Recommended Course Sequence:
1st Semester: Elementary Foreign Language I or Intermediate Foreign Language I; ENGL 110; Social Science; LifeScience
2nd Semester: Elementary Foreign Language II or Intermediate Foreign Language II; ENGL 111; Social Science; Physical Science; Fine Arts
3rd Semester: Intermediate Foreign Language I or Second Foreign Language I or Second Foreign Language II; COMM 110; PSY 110; Social Science; Mathematics
4th Semester: Intermediate Foreign Language II or Second Foreign Language II; Literature; Social Science; Humanities Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
# Geography

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- MATHEMATICS* 4 CR. HRS.
- SOCIAL SCIENCE** 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- EASC 116 INTRODUCTION TO GEOLOGY 4 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA 3 CR. HRS.

**PROGRAM COURSES:**
- EASC 118 INTRODUCTION TO WEATHER AND CLIMATE 4 CR. HRS.
- GEOG 112 CULTURAL GEOGRAPHY 3 CR. HRS.
- GEOG 116 GEOGRAPHY OF THE DEVELOPING WORLD 3 CR. HRS.
- GEOG 118 GEOGRAPHY OF THE DEVELOPED WORLD 3 CR. HRS.
- GEOG 200 ECONOMIC GEOGRAPHY 3 CR. HRS.

**ELECTIVE COURSES:**
- ELECTIVE 1 CR. HR.
- SOCIOLOGY ELECTIVE 3 CR. HRS.
- APPROVED ELECTIVES 8-9 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Social Science Electives: HIST 117, 118; INTST 130, 134; POLSC 122; SOC 213

**Recommended Course Sequence:**
1st Semester: EASC 116; ENGL 110; GEOG 112; MATH 115
2nd Semester: ENGL 111; GEOG 116; Humanities; Social Science; Mathematics (Group 1)
3rd Semester: COMM 110; GEOG 118; Life Science; Approved Elective
4th Semester: EASC 118; GEOG 200; Fine Arts; Humanities/Fine Arts; ECON 110

For the most up-to-date program requirements, go online to the College catalog: [www.icc.edu/catalog](http://www.icc.edu/catalog)

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: The Geology course of study at Illinois Central College is designed for students planning to transfer to a senior college or university for completion of a baccalaureate degree. During the two years at Illinois Central College, the student concentrates on building a strong foundation in the sciences and mathematics, and meets the requirements for the Associate in Science degree. The Geology curriculum is designed to prepare the student for a wide range of career opportunities. In addition to the positions traditionally available in petroleum and coal production, professional careers exist with: (1) governmental agencies, including the U.S. Geologic Survey, state geological surveys, the National Park Service, the Coast and Geodetic Survey, and the Bureau of Mines, (2) planning organizations, (3) environmental agencies, (4) educational institutions, (5) museums, and (6) various industrial firms.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

Geology

GENERAL COURSES:
- FINE ARTS 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BIOL 130 GENERAL ZOOLOGY 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 165 PRECALCULUS 5 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.

PROGRAM COURSES:
- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- EASC 116 INTRODUCTION TO GEOLOGY 4 CR. HRS.
- PHYS 120 GENERAL PHYSICS 5 CR. HRS.
- PHYS 121 GENERAL PHYSICS 5 CR. HRS.

ELECTIVE COURSES:
- ELECTIVE 1 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: EASC 116; MATH 165; CHEM 130; ENGL 110
2nd Semester: MATH 222; CHEM 132; ENGL 111; Social Science
3rd Semester: PHYS 120; BIOL 130; Humanities; Fine Arts; Social Science
4th Semester: PHYS 121; COMM 110; Electives; Social Science; Humanities/Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 62

Program Information: The Graphic Design program of study prepares students interested in the concept, design, technologies, and practical aspects of visual communications creation and production. Industry professionals pursue graphic design careers in the related fields of advertising, communication, marketing, education, multimedia, and publishing. Completion of the Graphic Design program of study prepares the student planning to transfer to a baccalaureate degree program. Students intending to transfer to related programs are strongly advised to develop and maintain a creative portfolio, which partly determines acceptance and placement at most senior colleges and universities.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Graphic Design

GENERAL COURSES:

- COMMUNICATION* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.

ENGL 110   COMPOSITION I 3 CR. HRS.
ENGL 111   COMPOSITION II 3 CR. HRS.
ART 150   ART HISTORY I 3 CR. HRS.
ART 151   ART HISTORY II 3 CR. HRS.

PROGRAM COURSES:

- ART 111   2D DESIGN 3 CR. HRS.
- ART 120   DRAWING I 3 CR. HRS.
- GRDSN 240   ADVANCED GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 140   GRAPHIC DESIGN I 3 CR. HRS.
- GRDSN 142   TYPOGRAPHY 3 CR. HRS.
- GRDSN 150   GRAPHIC DESIGN II 3 CR. HRS.
- MM 140   MULTIMEDIA PRODUCTION I 3 CR. HRS.
- MM 142   DIGITAL PHOTOGRAPHY 3 CR. HRS.

* See specific requirements for Associate in Arts Degree.

Recommended Course Sequence:
1st Semester: GRDSN 140; ART 111; ENGL 110; Communication; MM 140
2nd Semester: GRDSN 142; GRDSN 150; ENGL 111; Physical Science; ART 120
3rd Semester: MM 140; ART 150; Humanities; Social Science; GRDSN 240
4th Semester: ART 151; Mathematics; Social Science; Social Science; Life Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: DENTAL HYGIENIST (BACCALAUREATE), PHYSICAL THERAPIST, MEDICAL TECHNOLOGIST, OCCUPATIONAL THERAPIST, NURSING (BACCALAUREATE), RADIOLOGIC TECHNOLOGIST**, MEDICAL RECORD ADMINISTRATOR. Requirements for admission to baccalaureate programs in the above paramedical professions vary considerably. For this reason, students planning to enter a professional school in one of these fields should seek specific information from the school they wish to attend as early as possible. A solid background in math and science is desirable. The suggested course of studies listed below will satisfy freshman-sophomore requirements of most four-year colleges and universities. Because differences exist between programs offered at senior institutions, students are encouraged to review specific requirements of the college or university to which they plan to transfer.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Health Careers Department
Thomas Building
(309) 999-4600

Health Career Professions

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BIOL 130 GENERAL ZOOLOGY 4 CR. HRS.
- CHEM 120 PRINCIPLES OF CHEMISTRY I 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA 3 CR. HRS.
- MATH 211 STATISTICAL ANALYSIS MATHEMATICS* 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.

PROGRAM COURSES:
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I 4 CR. HRS.
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II 4 CR. HRS.
- CHEM 122 PRINCIPLES OF CHEMISTRY 4 CR. HRS.

ELECTIVE COURSES:
- ELECTIVES 10-11 CR. HRS.

* See specific requirements for Associate in Science degree.

** The Bachelor of Science Degree in Radiologic Sciences, granted by Southern Illinois University, is the only degree specific to the Radiography Program curriculum within Illinois, and as a "capstone" degree, applicants must first complete the Radiography Program professional courses.

Recommended Course Sequence:
1st Semester: ENGL 110; PSY 110; MATH 115; CHEM 120; Humanities
2nd Semester: ENGL 111; BIOL 130; MATH 211 or Approved Mathematics; BIOL 205
3rd Semester: CHEM 122; Humanities/Fine Arts; COMM 110; Social Science; Electives
4th Semester: BIOL 206; Fine Arts; Social Science; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: The baccalaureate degree in history is designed to prepare students for a broad range of career opportunities. In addition to teaching, a history major is a preferred background for many careers: Law (a history B.A. is a preference of many law schools); federal, state and local government positions – especially the Foreign Service, the National Park Service, and military careers; museum direction, library and archival work; the business fields of public relations and advertising; journalism and other media; and public policy and planning agencies. These fields are open to history graduates because their degree indicates to future employers they possess writing and research skills and a basic understanding of the world and its people.

Admission To the Program:
Two years of a foreign language may be required for an undergraduate degree in history and for entry into most law schools. Students should check with the school to which they intend to transfer.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

History

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES*** 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- POLITICAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- GEOG 113 WORLD REGIONAL GEOGRAPHY 3 CR. HRS.
- PHIL 110 INTRODUCTION TO PHILOSOPHY 3 CR. HRS.

PROGRAM COURSES:

- HISTORY** 12 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES**** 11 CR. HR.

* See specific requirements for Associate in Arts Degree.

** HIST 117, 118, 201 and 202 are Social Science courses in the General Education core for the Associate in Arts Degree. (HIST 110, 125, 203, 204, 219 and 250 are History Electives that transfer but do not satisfy requirements in the General Education core.)

*** HIST 111 or 112 fulfills part of the Humanities/Fine Arts requirement for the Associate in Arts Degree.

**** Suggested Electives: ECON 111; GEOG 112, 114; LIT 110; INTST 130-134; PHIL 211; POLSC 115, 119, 122, 124; PSY 110; SOC 110, 114

Recommended Course Sequence:
1st Semester: ENGL 110; GEOG 113; Physical Science; History; Humanities
2nd Semester: ENGL 111; PHIL 110; Life Science; Mathematics; History
3rd Semester: COMM 110; ECON 110; History; Electives
4th Semester: Political Science; Fine Arts; History; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

**Program Information:** Completion of the Interior Design program of study prepares students for residential and business design positions in the retail field. Study in this area affords opportunities in the commercial area of furniture, drapery, carpeting, home accessories, wallpaper, and paint stores.

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended. Four year programs that include Interior Design vary from institution to institution. Students must work closely with their advisor to satisfy any specific computer science requirements that are a part of the receiving institution's General Education component.

**Contact Information:**
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

---

**Interior Design**

**GENERAL COURSES:**

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- ART 151 ART HISTORY II 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

**PROGRAM COURSES:**

- ART 111 2D DESIGN 3 CR. HRS.
- ART 120 DRAWING I 3 CR. HRS.
- BUS 110 INTRODUCTION TO BUSINESS 3 CR. HRS.
- INDSN 140 BASIC INTERIOR DESIGN 4 CR. HRS.
- INDSN 141 HISTORY OF FURNITURE AND FURNISHINGS 4 CR. HRS.
- MKTG 112 PRINCIPLES OF MARKETING 3 CR. HRS.
- ART ELECTIVE or ARCHITECTURE ELECTIVE 3 CR. HRS.

*See specific requirements for Associate in Arts Degree.

**Recommended Course Sequence:**

1st Semester: INDSN 140; ART 111; ENGL 110; BUS 110; ART 120
2nd Semester: INDSN 141; ART 151; ENGL 111; PSY 110; Life Science
3rd Semester: MKTG 112; COMM 110; Physical Science; Art Elective or Architecture Elective
4th Semester: BUS 200; SOC 110; Social Science; Mathematics; Humanities; Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: The International Business program of study is designed to provide the initial requisite background in business, integrating foreign language as a complementary cross-cultural skill. After completing the Associate of Science degree at Illinois Central College, the student may complete a bachelor's degree in International Business or related area at a senior institution, with the goal of employment with a multinational corporation and possible foreign assignment. Students enrolled in this sequence could be considering jobs in marketing, management, public relations, banking, foreign service, exporting and importing, and other related work.

Additional Program Info: This degree program is offered online. Please contact the Virtual Campus Office for more information. (309) 694-8888 or www.icc.edu/VirtualCampus.

Admission To the Program: Students are advised to check on foreign language requirements at senior institutions. Many institutions require students to have completed the 200-level of a foreign language.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Business, Hospitality, and Information Systems Department
East Peoria Campus
Technology Center
Room 205
(309) 694-5558

International Business

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3-4 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 115 COLLEGE ALGEBRA** 3 CR. HRS.
- MATH 135 CALCULUS FOR BUSINESS AND SOCIAL SCIENCES 4 CR. HRS.

PROGRAM COURSES:
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- ACCTG 121 MANAGERIAL ACCOUNTING 4 CR. HRS.
- BUS 111 INTERNATIONAL BUSINESS 3 CR. HRS.
- BUS 203 BUSINESS STATISTICS 4 CR. HRS.
- BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 CR. HRS.

* See specific requirements for Associate in Science Degree.
** The appropriate mathematic sequence is contingent on the individual

Recommended Course Sequence:
1st Semester: ENGL 110; MATH 115; BUS 111; COMM 110; Fine Arts
2nd Semester: ENGL 111; MATH 135; Humanities; Humanities/Fine Arts
3rd Semester: ACCTG 120; ECON 110; BUS 215; Social Science; Life Science
4th Semester: ACCTG 121; ECON 111; BUS 203; Physical Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
International Studies

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- INTERMEDIATE FOREIGN LANGUAGE II** 4 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- HIST 117 EARLY WESTERN CIVILIZATION 3 CR. HRS.
  or HIST 118 MODERN WESTERN CIVILIZATION 4 CR. HRS.
- PHIL 112 COMPARATIVE RELIGIONS 3 CR. HRS.
- POLSC 122 INTRODUCTION TO INTERNATIONAL RELATIONS 3 CR. HRS.

**PROGRAM COURSES:**
- INTERMEDIATE FOREIGN LANGUAGE I** 4 CR. HRS.
- GEOG 116 GEOGRAPHY OF THE DEVELOPING WORLD 3 CR. HRS.
- HIST 111 EARLY WORLD CIVILIZATIONS
  or HIST 112 MODERN WORLD CIVILIZATIONS 4 CR. HRS.
- INTST 130 THE SOCIETY AND CULTURE OF CHINA
  or INTST 134 INTRODUCTION TO MIDDLE EASTERN CULTURES 3 CR. HRS.
- INTST 132 LATIN AMERICAN HUMANITIES
  or INTST 133 CULTURES AND CIVILIZATIONS OF SUB-SAHARAN AFRICA 3 CR. HRS.
- POLSC 124 COMPARATIVE POLITICAL SYSTEMS 3 CR. HRS.

**ELECTIVE COURSES:**
- ELECTIVE*** 3 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Foreign languages offered are: French, German, Spanish, and Arabic. It is assumed students have tested out of levels 110 and 111
*** Recommended electives: ART 110, 150, 151; FILM 110; HUMAN 128; MUS 149, 150

**Recommended Course Sequence:**
1st Semester: ENGL 110; HIST 117 or HIST 118; POLSC 124; Intermediate Foreign Language I
2nd Semester: ENGL 111; COMM 110; Mathematics; Intermediate Foreign Language II; INTST 132 or INTST 133
3rd Semester: PHIL 112; POLSC 122; ECON 110; Life Science; INTST 130 or INTST 134
4th Semester: GEOG 116; HIST 111 or HIST 112; Physical Science; Fine Arts; Elective

---

**Associate in Arts**

**Total Credit Hours:** 60 to 64

**Program Information:** The International Studies program of study at Illinois Central College is for students who plan to transfer to a four-year college or university for completion of a baccalaureate degree. Within this curriculum, students take courses in the social sciences and humanities to gain a more global perspective, as well as an understanding of other cultures. The student is required to take a foreign language to deepen his/her understanding of another culture. Study abroad is encouraged with this program. This degree will serve as a basis for various careers in the field of international relations, foreign or public service, or careers in international institutions. This degree indicates to future employers that the student has a basic understanding of the world and its peoples.

**To Remain in and Graduate From the Program:**
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

**Contact Information:**
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: This course of study emphasizes the development of professional-level writing and reporting skills and provides students with a broadly-based program of liberal arts courses necessary for a career in journalism, radio-television news, public relations, and business reporting. This suggested course of study is basically designed for students planning to transfer to a senior college or university. Because requirements at four-year institutions vary, students planning to transfer should seek information about the particular program they plan to enter.

To Remain in and Graduate From the Program:
Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
English, Humanities, and Language Studies Department
East Peoria Campus
Room 315B
(309) 694-5342

Journalism

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- GEOG 113 WORLD REGIONAL GEOGRAPHY 3 CR. HRS.
- POLSC 115 or POLSC 119 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.

PROGRAM COURSES:

- JOURN 122 BEGINNING REPORTING** 3 CR. HRS.
- JOURN 123 BASIC NEWS EDITING 3 CR. HRS.
- MCOMM 110 INTRODUCTION TO MASS MEDIA 3 CR. HRS.
- MM 140 MULTIMEDIA PRODUCTION I 3 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES*** 12 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Typing ability is a prerequisite. If a student enters without it, TYPE 120 is recommended as an additional course beyond the requirements for the degree.
*** Recommended electives: COMM 115; ECON 110; ENGL 117, 210; GRDSN 130; JOURN 142, 210; MCOMM 113, 140, 214, 215, 230

Recommended Course Sequence:
1st Semester: ENGL 110; COMM 110; Mathematics; JOURN 122; Social Science
2nd Semester: ENGL 111; JOURN 123; MCOMM 110; POLSC 115 or POLSC 119; Elective
3rd Semester: Fine Arts; Life Science or Physical Science; Humanities; MM 140; Elective
4th Semester: GEOG 113; Humanities/Fine Arts; Life Science or Physical Science; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Program Information:** The Liberal Arts program of study is designed for students planning to transfer to a senior college or university for completion of a baccalaureate degree. This course sequence intends to provide a strong, general foundation in the humanities. It provides breadth in a variety of disciplines rather than aiming at depth in any one. This program of study is especially appropriate for students who have as their educational goals: (1) transferring to a liberal arts college, (2) undecided plans for a major in transferring to any senior college or university, (3) a desire to understand more thoroughly the underlying principles of individual and social behavior in the environment.

**To Remain in and Graduate From the Program:** Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

**Contact Information:**
English, Humanities, and Language Studies Department
East Peoria Campus
Room 315B
(309) 694-5342

---

**LIBERAL ARTS**

**GENERAL COURSES:**
- COMMUNICATION* 3 CR. HRS.
- FINE ARTS* 3-6 CR. HRS.
- HUMANITIES* 3-6 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.

**ELECTIVE COURSES:**
- ELECTIVES 9-10 CR. HRS.
- FOREIGN LANGUAGE 8 CR. HRS.

* See specific requirements for Associate in Arts Degree.

**Recommended Course Sequence:**
1st Semester: ENGL 110; Social Science; Mathematics; Humanities/Fine Arts; Elective
2nd Semester: ENGL 111; Social Science; Life Science; Humanities/Fine Arts; Elective
3rd Semester: Social Science; Social Science; Physical Science; Elective
4th Semester: Communication; Humanities/Fine Arts; Social Science; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
# Mass Communication

## General Courses:

- **LIFE SCIENCE**
  - 3-4 CR. HRS.
- **MATHEMATICS**
  - 3 CR. HRS.
- **PHYSICAL SCIENCE**
  - 3-4 CR. HRS.
- **SOCIAL SCIENCE**
  - 3 CR. HRS.
- **SOCIAL SCIENCE**
  - 3 CR. HRS.
- **SOCIAL SCIENCE**
  - 3 CR. HRS.
- **COMM 110** COMMUNICATION: PROCESS AND PRACTICE
  - 3 CR. HRS.
- **ENGL 110** COMPOSITION I
  - 3 CR. HRS.
- **ENGL 111** COMPOSITION II
  - 3 CR. HRS.
- **FILM 110** SURVEY OF FILM
  - 3 CR. HRS.
- **HUMAN 125** CONTEMPORARY HUMANITIES
  - 3 CR. HRS.
- **MCOMM 224** HISTORY OF MOTION PICTURES
  - 3 CR. HRS.

## Program Courses:

- **MCOMM 110** INTRODUCTION TO MASS MEDIA
  - 3 CR. HRS.
- **MCOMM 113** INTRODUCTION TO RADIO, TV, AND EMERGING MEDIA
  - 3 CR. HRS.
- **MCOMM 214** TV AND MOTION PICTURE PRODUCTION
  - 3 CR. HRS.
- **MCOMM 217** AUDIO PRODUCTION
  - 3 CR. HRS.
- **MCOMM 220** SCRIPTWRITING
  - 3 CR. HRS.

## Elective Courses:

- **APPROVED ELECTIVES**
  - 8-9 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** COMM 115, 248; FILM 111; JOURN 122, 142; MCOMM 140, 160, 215, 230, 260; MKTG 112; MM 140

**Recommended Course Sequence:**

1st Semester: ENGL 110; COMM 110; Mathematics; MCOMM 110; MCOMM 224
2nd Semester: ENGL 111; FILM 110; MCOMM 113; MCOMM 217; Physical Science
3rd Semester: Life Science; MCOMM 214; MCOMM 220; Approved Elective; Social Science
4th Semester: Social Science; Social Science; HUMAN 125; Approved Elective; Approved Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students **MUST** meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Mathematics

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.

**PROGRAM COURSES:**
- CMPSC 125 CS I: PROGRAMMING IN C+++ 3 CR. HRS.
- ENGR 230 PROGRAMMING ENGINEERING APPLICATIONS 3 CR. HRS.
- MATH 224 CALCULUS AND ANALYTIC GEOMETRY III 4 CR. HRS.
- MATH 230 LINEAR ALGEBRA 3 CR. HRS.
- MATH 250 DIFFERENTIAL EQUATIONS 3 CR. HRS.

**ELECTIVE COURSES:**
- ELECTIVE 3 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: MATH 222; ENGL 110; Life Science; Social Science
2nd Semester: MATH 223; ENGR 230 or CMPSC 125; ENGL 111; Fine Arts; Physical Science
3rd Semester: MATH 224; COMM 110; Social Science; Humanities; Electives
4th Semester: MATH 250; MATH 230; Social Science; Humanities/Fine Arts; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: The Meteorology program of study is designed for students planning to transfer to a college or university for completion of a baccalaureate degree. Students concentrate on building a strong foundation in the sciences and mathematics. This calculus based physics curriculum is appropriate for students interested in atmospheric science, meteorology, climatology, or weather forecasting.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room S208
(309) 694-5365

Meteorology

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- LIFE SCIENCE (BIOL)* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.

PROGRAM COURSES:
- EASC 118 INTRODUCTION TO WEATHER AND CLIMATE 4 CR. HRS.
- MATH 224 CALCULUS AND ANALYTIC GEOMETRY III 4 CR. HRS.
- MATH 250 DIFFERENTIAL EQUATIONS 3 CR. HRS.
- PHYS 211 ENGINEERING PHYSICS: MECHANICS 4 CR. HRS.
- PHYS 212 ENGINEERING PHYSICS: ELECTRICITY AND MAGNETISM
- PHYS 213 ENGINEERING PHYSICS: THERMODYNAMICS 2 CR. HRS.
- PHYS 214 ENGINEERING PHYSICS: MODERN PHYSICS 2 CR. HRS.

* See specific requirements for Associate in Science degree.

Recommended Course Sequence:
1st Semester: CHEM 130; MATH 222; ENGL 110; EASC 118
2nd Semester: MATH 223; ENGL 111; PHYS 211; GEOG 112 or 113; Life Science
3rd Semester: PHYS 212; MATH 224; Humanities; Fine Arts; Social Science
4th Semester: PHYS 213; PHYS 214; MATH 250; COMM 110; Humanities/Fine Arts; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Multimedia

GENERAL COURSES:

- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- ART 151 ART HISTORY II 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- FILM 110 SURVEY OF FILM 3 CR. HRS.

PROGRAM COURSES:

- MM 142 DIGITAL PHOTOGRAPHY 3 CR. HRS.
- MM 140 MULTIMEDIA PRODUCTION I 3 CR. HRS.
- MCOMM 217 AUDIO PRODUCTION 3 CR. HRS.
- GRDSN 140 GRAPHIC DESIGN I 3 CR. HRS.
- MM 150 MULTIMEDIA THEORY 3 CR. HRS.
- MM 241 MULTIMEDIA AUTHORING 5 CR. HRS.
- MM 230 DIGITAL VIDEO PRODUCTION 3 CR. HRS.

* See specific requirements for Associate in Arts.

Recommended Course Sequence:
1st Semester: MM 140; GRDSN 140; ENGL 110; COMM 110
2nd Semester: MM 150; MCOMM 217; ENGL 111; Mathematics; Physical Science
3rd Semester: MM 142; MM 230; Life Science; Social Science; ART 151
4th Semester: MM 241; FILM 110; Humanities; Social Science; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Program Information: The music student must successfully complete the following course work before transferring to a four-year university as a junior in music: (1) four semesters of music theory; (2) four semesters of applied music (private instruction); (3) one semester of class piano; (4) four semesters participation in one or more college performance groups. There are six performance organizations in which all students at ICC are invited to participate, whether music majors or not; Concert Band, Concert Choir, Chamber Singers, Jazz Band, Philharmonic Chorale, and Vocal Jazz Ensemble. Music students are required to participate in a performance organization each semester they are registered for music theory or applied music. Performance organizations present public concerts at ICC, high schools, and for special groups throughout the college district.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic adviser to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended. To maximize musical skill development, each level of Harmony & Analysis, Musicianship, and Class Piano should be taken concurrently (ie.; MUS 110, 170, 180; MUS 111, 171, 181; MUS 210, 270, 280). If the student’s primary performance medium is piano, the Applied Piano numbers may be substituted (ie.; MUS 117, 170, 180; MUS 118, 171, 181; MUS 217, 270, 280). Accreditation: Illinois Central College is an accredited institutional member of the National Association of Schools of Music (NASM).

Admission To the Program: A score of 70% or better on music theory placement exam or successful completion of MUS 136 and diagnostic audition in primary performance area.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Music

GENERAL COURSES:

- HUMANITIES* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.

- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MUS 148 INTRODUCTION TO JAZZ 3 CR. HRS.
- MUS 149 INTRODUCTION TO MUSIC LITERATURE 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.

PROGRAM COURSES:

- APPLIED MUSIC** 8 CR. HRS.
- ONE PERFORMANCE ORGANIZATION*** 4 CR. HRS.
- MUS 110 CLASS PIANO I**** 2 CR. HRS.
- MUS 170 HARMONY AND ANALYSIS I 3 CR. HRS.
- MUS 171 HARMONY AND ANALYSIS II 3 CR. HRS.
- MUS 180 MUSICIANSHIP I 1 CR. HR.
- MUS 181 MUSICIANSHIP II 1 CR. HR.
- MUS 270 HARMONY AND ANALYSIS III 3 CR. HRS.
- MUS 271 HARMONY AND ANALYSIS IV 3 CR. HRS.
- MUS 280 MUSICIANSHIP III 1 CR. HR.
- MUS 281 MUSICIANSHIP IV 1 CR. HR.

* See specific requirements for Associate in Arts Degree.
** Students should enroll in applied music each semester. If a student enrolls for more than four semesters, the last number of the sequence may be repeated.
*** For each semester of enrollment in applied music, s/he must also enroll in a performing organization. Student should complete two semesters at the 100 level of each performing organization before progressing to the 200 level.
**** If a student’s primary instrument is piano, MUS 110 is not required.

Recommended Course Sequence:
Previous Semester (for pre-program courses): MUS 136
1st Semester: Applied Music; Performing Organization; MUS 110; MUS 170; MUS 180; ENGL 110; Mathematics; MUS 148
2nd Semester: Applied Music; Performing Organization; MUS 171; MUS 181; ENGL 111; Life Science; PSY 110
3rd Semester: Applied Music; Performing Organization; MUS 270; MUS 280; MUS 149; COMM 110; Social Science
4th Semester: Applied Music; Performing Organization; MUS 271; MUS 281; Physical Science; Humanities; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts

Total Credit Hours: 60 to 64

Program Information: The philosophy program of study is designed for students planning to transfer to a four-year college or university for completion of a baccalaureate degree. Students concentrate on building a strong foundation in philosophy, writing and critical thinking. The philosophy course of study is designed for students who have as educational goals: (1) teaching at the college or university level; (2) pre-professional majors, especially law; (3) undecided college transfer plans; (4) self-improvement in the areas of reading, writing, critical thinking and problem solving; (5) students who are deeply curious and strongly motivated by questions of life, death, God, meaning, purpose, value and the nature of reality.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Philosophy

GENERAL COURSES:

- FINE ARTS*  3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS*  3 CR. HRS.
- PHYSICAL SCIENCE*  4 CR. HRS.
- SOCIAL SCIENCE**  3 CR. HRS.
- SOCIAL SCIENCE**  3 CR. HRS.
- SOCIAL SCIENCE**  3 CR. HRS.
- COMM 110  COMMUNICATION: PROCESS AND PRACTICE  3 CR. HRS.
- ENGL 110  COMPOSITION I  3 CR. HRS.
- ENGL 111  COMPOSITION II  3 CR. HRS.
- PHIL 110  INTRODUCTION TO PHILOSOPHY  3 CR. HRS.
- PHIL 111  LOGIC  3 CR. HRS.

PROGRAM COURSES:

- ELEMENTARY FOREIGN LANGUAGE I  4 CR. HRS.
- ELEMENTARY FOREIGN LANGUAGE II  4 CR. HRS.
- PHIL 112  COMPARATIVE RELIGIONS  3 CR. HRS.
- PHIL 115  ETHICS  3 CR. HRS.
- PHIL 116  PHILOSOPHY OF RELIGION  3 CR. HRS.

ELECTIVE COURSES:

- HUMANITIES ELECTIVE***  6 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Recommended Social Sciences are HIST 117, PSY 110 and SOC 110.
*** Recommended Humanities electives include Intermediate Foreign Language II or HUMAN 125, and any INTST course.

Recommended Course Sequence:

1st Semester: ENGL 110; PHIL 110; Social Science; Life Science; Elementary Foreign Language I
2nd Semester: ENGL 111; PHIL 111; Social Science; Physical Science; Elementary Foreign Language II
3rd Semester: COMM 110; PHIL 112; Social Science; Mathematics; Humanities Elective
4th Semester: PHIL 115; PHIL 116; Fine Arts; Humanities Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science
Total Credit Hours: 60 to 64

Program Information: This program of study is intended for students planning to transfer to a senior college or university for a baccalaureate degree in physical education. Upon successful completion of the baccalaureate degree in Physical Education, graduates are qualified for positions as teachers, coaches or specialists in public and private elementary or secondary schools, colleges and universities as well as other social and recreational agencies which promote physical activity programs.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended. Students who plan to pursue a K-12 teaching degree in order to teach physical education and/or coach, should follow those requirements outlined for the education major through the Social Sciences and Public Services Department.

Contact Information:
Physical Education Coordinator
East Peoria Campus
CougarPlex
(309) 694-5502

---

Physical Education

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 110 CONCEPTS OF MATHEMATICS 3 CR. HRS.
- MATH 111 GENERAL EDUCATION STATISTICS 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

* See specific requirements for Associate in Science.

PROGRAM COURSES:

- PHYSICAL EDUCATION 1 CR. HR.
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II 4 CR. HRS.
- EDUC 111 INTRODUCTION TO AMERICAN EDUCATION** 3 CR. HRS.
- FCS 110 BASIC NUTRITION 2 CR. HRS.
- HLTH 120 FIRST AID 2 CR. HRS.
- HLTH 150 FOUNDATIONS OF HEALTH 3 CR. HRS.
- PHYED 136 FOUNDATIONS OF HUMAN MOVEMENT 3 CR. HRS.
- PHYED 210 SPORT PSYCHOLOGY 3 CR. HRS.
- PHYED 236 SCIENTIFIC BASIS OF HUMAN MOVEMENT 3 CR. HRS.

** Athletic Trainers: take HLTH 121 and an additional PHYED activity course (Spring Semester, Sophomore Year) instead of EDUC 111

Recommended Course Sequence:
1st Semester: ENGL 110; PHYED 136; PSY 110; HLTH 120; FCS 110; POLSC 115
2nd Semester: ENGL 111; HLTH 150; MATH 110; Fine Arts; Physical Science; Physical Education
3rd Semester: COMM 110; BIOL 205; PHYED 210; SOC 110; Humanities
4th Semester: MATH 111; EDUC 111; BIOL 206; PHYED 236; Humanities/Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: The Physics program of study is designed for students planning to transfer to a senior college or university for completion of a baccalaureate degree. Students concentrate on building a strong foundation in the sciences and mathematics. The physics curriculum is appropriate for students interested in: (1) industrial research; (2) liberal arts background for the medical professions; (3) teaching of physics or physical science; (4) continued education in related fields such as astronomy, meteorology, physical oceanography, alternate energy, or selected engineering programs.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

Physics

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.

PROGRAM COURSES:

- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- MATH 224 CALCULUS AND ANALYTIC GEOMETRY III 4 CR. HRS.
- MATH 230 LINEAR ALGEBRA 3 CR. HRS.
- MATH 250 DIFFERENTIAL EQUATIONS 3 CR. HRS.
- PHYS 211 ENGINEERING PHYSICS: MECHANICS 4 CR. HRS.
- PHYS 212 ENGINEERING PHYSICS: ELECTRICITY AND MAGNETISM 4 CR. HRS.
- PHYS 213 ENGINEERING PHYSICS: THERMODYNAMICS 2 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:

1st Semester: CHEM 130; MATH 222; ENGL 110; Life Science
2nd Semester: CHEM 132; MATH 223; ENGL 111; Social Science; PHYS 211
3rd Semester: PHYS 212; MATH 224; Social Science; Humanities; Fine Arts
4th Semester: PHYS 213; MATH 230; MATH 250; COMM 110; PHYS 214; Humanities/Fine Arts; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts
Total Credit Hours: 60 to 64

Program Information: The Political Science program is designed for students planning to transfer to a four-year college or university for completion of a baccalaureate degree. Students concentrate on building a strong foundation in political science as well as other related social science courses. It is recommended that prospective students take a traditional college preparatory curriculum in high school, with a strong emphasis on the liberal arts and social sciences.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Political Science

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES** 3 CR. HRS.
- HUMANITIES/FINE ARTS** 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

PROGRAM COURSES:
- POLSC 119 STATE AND LOCAL GOVERNMENT 3 CR. HRS.
- POLSC 120 POLITICAL METHODS AND CONCEPTS 3 CR. HRS.
- POLSC 122 INTRODUCTION TO INTERNATIONAL RELATIONS 3 CR. HRS.
  or POLSC 124 COMPARATIVE POLITICAL SYSTEMS 3 CR. HRS.

ELECTIVE COURSES:
- ELECTIVES*** 11-14 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Recommended Humanities: PHIL 110; HIST 111, 112; Foreign Language at 211 level
*** Recommended electives: PSY 110; ECON 111; GEOG 113, 114; HIST 117, 118, 201, 202

Recommended Course Sequence:
1st Semester: ENGL 110; POLSC 115; Life Science; Electives
2nd Semester: ENGL 111; POLSC 119; Political Science; Humanities
3rd Semester: COMM 110; ECON 110; POLSC 120; Fine Arts; Mathematics
4th Semester: SOC 110; POLSC 122 or POLSC 124; Humanities/Fine Arts; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: Students planning to enter a professional school should seek specific information from the school they wish to attend since admission requirements vary considerably. Accredited chiropractic colleges require a minimum of 90 credit hours before entrance into the medical school, of which a minimum of 30 hours must come from upper-level courses. A bachelor's degree is not required but is encouraged. Although a major in any academic field is usually acceptable, majors in biology and chemistry are especially suitable since major requirements in these fields overlap with preprofessional requirements.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended. It is recommended that a student whose plans include completing a bachelor's degree before entrance into a chiropractic college complete math through calculus at ICC before transferring to the university.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

Pre-Chiropractic

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 120 COLLEGE TRIGONOMETRY 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.

**PROGRAM COURSES:**
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II 4 CR. HRS.
- BIOL 210 MICROBIOLOGY 4 CR. HRS.
- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- CHEM 220 ORGANIC CHEMISTRY 5 CR. HRS.
- CHEM 230 ORGANIC CHEMISTRY 4 CR. HRS.
- PHYS 120 GENERAL PHYSICS 5 CR. HRS.
- PHYS 121 GENERAL PHYSICS 5 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
Previous Semester (for pre-program courses):
1st Semester: MATH 120; CHEM 130; BIOL 205; ENGL 110; Social Science
2nd Semester: Mathematics; CHEM 132; BIOL 206; ENGL 111; PSY 110
Summer Semester 1: BIOL 210
3rd Semester: CHEM 220; PHYS 120; COMM 110; Humanities/Fine Arts
4th Semester: CHEM 230; PHYS 121; Fine Arts; Humanities; Social Science

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts
Total Credit Hours: 60 to 64

Program Information: Requirements for admission to law schools may vary. Students planning to enter law school may study at Illinois Central College and then transfer to a four-year college or university to complete a bachelor's degree. Law schools generally favor a program of study in one of the established academic fields as the best preparation. A suggested sequence of courses is listed below. The pre-law student should carefully consider the recommended electives as well.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Pre-Law

**GENERAL COURSES:**
- FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE** 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- HIST 112 MODERN WORLD CIVILIZATIONS 4 CR. HRS.
- HIST 202 AMERICAN HISTORY SINCE 1877 3 CR. HRS.
- PHIL 111 LOGIC 3 CR. HRS.
- POLSC 115 AMERICAN NATIONAL GOVERNMENT 3 CR. HRS.

**PROGRAM COURSES:**
- ACCTG 120 FINANCIAL ACCOUNTING 4 CR. HRS.
- HIST 201 AMERICAN HISTORY TO 1877 3 CR. HRS.
- POLSC 119 STATE AND LOCAL GOVERNMENT 3 CR. HRS.
- POLSC 122 INTRODUCTION TO INTERNATIONAL RELATIONS 3 CR. HRS.
- POLSC 124 COMPARATIVE POLITICAL SYSTEMS 3 CR. HRS.

**ELECTIVE COURSES:**
- APPROVED ELECTIVES*** 6 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Recommended Life Science: BIOL 111 or 140
*** Approved electives: POLSC 120; HIST 111, 219; ECON 111; GEOG 114; Foreign Language; PHIL 110, 115; PSY 110; SOC 110, 114, 210; COMM 112

Recommended Course Sequence:
1st Semester: ENGL 110; COMM 110; POLSC 115; HIST 201; Physical Science
2nd Semester: ENGL 111; ECON 110; POLSC 122 or POLSC 124; HIST 202; Life Science
3rd Semester: ACCTG 120; POLSC 119; Mathematics; Fine Arts; Elective
4th Semester: PHIL 111; POLSC 122 or POLSC 124; HIST 112; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog.

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: Suggested courses are those that are required to be completed before a student sits for the MCAT and DAT (medical and dental school entrance exams). A regular program of study in one of the established academic fields is generally recommended as the best preparation. Although a major in any academic field is usually acceptable, majors in biology and chemistry are especially suitable since major requirements in these fields overlap with pre-professional requirements.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

Pre-Medical, Pre-Dental

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BIOL 160 BIOPRINCIPLES I 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.
- PHYS 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

PROGRAM COURSES:
- BIOL 161 BIOPRINCIPLES II 4 CR. HRS.
- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- CHEM 220 ORGANIC CHEMISTRY 5 CR. HRS.
- CHEM 230 ORGANIC CHEMISTRY 4 CR. HRS.
- PHYS 120 GENERAL PHYSICS 5 CR. HRS.
- PHYS 121 GENERAL PHYSICS 5 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: MATH 222; CHEM 130; BIOL 160; ENGL 110
2nd Semester: MATH 223 or MATH 211; CHEM 132; BIOL 161; ENGL 111; Fine Arts
Summer Semester 1: Humanities
3rd Semester: COMM 110; CHEM 220; PHYS 120; PSY 110 or SOC 110
4th Semester: CHEM 230; PHYS 121; Social Science; Social Science; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
**Pre-Pharmacy**

**GENERAL COURSES:**
- FINE ARTS*  3 CR. HRS.
- HUMANITIES*  3 CR. HRS.
- HUMANITIES/FINE ARTS*  3-4 CR. HRS.
- SOCIAL SCIENCE*  3 CR. HRS.
- BIOL 160 BIOPRINCIPLES I  4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY  4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE  3 CR. HRS.
- ECON 110 PRINCIPLES OF MACROECONOMICS  3 CR. HRS.
- ECON 111 PRINCIPLES OF MICROECONOMICS  3 CR. HRS.
- ENGL 110 COMPOSITION I  3 CR. HRS.
- ENGL 111 COMPOSITION II  3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I  5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II  4 CR. HRS.
- MATH 211 STATISTICAL ANALYSIS  4 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY  3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY  3 CR. HRS.

**PROGRAM COURSES:**
- BIOL 161 BIOPRINCIPLES II  4 CR. HRS.
- BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I  4 CR. HRS.
- BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II  4 CR. HRS.
- CHEM 132 GENERAL CHEMISTRY  4 CR. HRS.
- CHEM 220 ORGANIC CHEMISTRY  5 CR. HRS.
- CHEM 230 ORGANIC CHEMISTRY  4 CR. HRS.
- PHYS 120 GENERAL PHYSICS  5 CR. HRS.
- PHYS 121 GENERAL PHYSICS  5 CR. HRS.

* See specific requirements for Associate in Science Degree.

**Recommended Course Sequence:**
1st Semester: MATH 222; CHEM 130; BIOL 160; ENGL 110
2nd Semester: MATH 223 or MATH 211; CHEM 132; BIOL 161; ENGL 111; PSY 110 or SOC 110
Summer Semester 1: Humanities/Fine Art; ECON 110 or ECON 111
3rd Semester: CHEM 220; BIOL 205; PHYS 120; COMM 110
4th Semester: CHEM 230; BIOL 206; PHYS 121; Social Science; Fine Arts
Summer Semester 2: Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Pre-Veterinary

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- BIOL 160 BIOPRINCIPLES I 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.

PROGRAM COURSES:

- AGRI 110 PRINCIPLES OF ANIMAL SCIENCE 4 CR. HRS.
- BIOL 161 BIOPRINCIPLES II 4 CR. HRS.
- CHEM 132 GENERAL CHEMISTRY 4 CR. HRS.
- CHEM 220 ORGANIC CHEMISTRY 5 CR. HRS.
- CHEM 230 ORGANIC CHEMISTRY 4 CR. HRS.
- PHYS 120 GENERAL PHYSICS 5 CR. HRS.
- PHYS 121 GENERAL PHYSICS 5 CR. HRS.

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:

1st Semester: BIOL 160; CHEM 130; ENGL 110; AGRI 110; Mathematics
2nd Semester: BIOL 161; CHEM 132; ENGL 111; Humanities; Mathematics
3rd Semester: CHEM 220; PHYS 120; COMM 110; Social Science; Fine Arts
4th Semester: CHEM 230; PHYS 121; PSY 110; Social Science; Humanities/Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Program Information: Requirements for admission to four-year colleges and universities vary a great deal. Illinois Central College has articulated agreements with several area universities to ensure ease in transfer of credits upon completion of the Associate in Science degree.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Psychology

GENERAL COURSES:

- **BIOLOGY*** 4 CR. HRS.
- **FINE ARTS** 3-4 CR. HRS.
- **SOCIAL SCIENCE** 3 CR. HRS.
- **CHEM 110** CHEMISTRY AND SOCIETY 4 CR. HRS.
- **COMM 110** COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- **ENGL 110** COMPOSITION I 3 CR. HRS.
- **ENGL 111** COMPOSITION II 3 CR. HRS.
- **MATH 115** COLLEGE ALGEBRA 3 CR. HRS.
- **MATH 134** FINITE MATH 4 CR. HRS.
- **PHIL 110** INTRODUCTION TO PHILOSOPHY 3 CR. HRS.
- **PHIL 111** LOGIC 3 CR. HRS.
- **PSY 110** INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- **SOC 110** AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.

PROGRAM COURSES:

- **BIOL 150** GENETICS 3 CR. HRS.
- **PSY 202** CHILD AND ADOLESCENT DEVELOPMENT or **PSY 112** PERSONALITY 3 CR. HRS.
- **PSY 210** HUMAN SOCIAL BEHAVIOR or **SOC 218** INTRODUCTION TO SOCIAL PSYCHOLOGY 3 CR. HRS.
- **PSY 250** INTRODUCTION TO RESEARCH METHODS IN THE BEHAVIORAL SCIENCES 3 CR. HRS.

ELECTIVE COURSES:

- **ELECTIVE** 2 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Social Sciences Electives: PSY 112, 115, 118, 220; SOC 120, 210
*** Biology: Choose BIOL 111 and 140 or BIOL 205 and 206

Recommended Course Sequence:

1st Semester: ENGL 110; CHEM 110; PSY 110; PHIL 110; MATH 115
2nd Semester: ENGL 111; SOC 110; PSY 202 or PSY 112; MATH 134; Biology
3rd Semester: COMM 110; PHIL 111; PSY 250; Biology; Fine Arts
4th Semester: PSY 210 or SOC 218; BIOL 150; Social Science; Electives

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts
Total Credit Hours: 60 to 64

Program Information:
The Social Work program of study at Illinois Central College consists of classes which will provide students with the academic foundation to transfer to a four-year school to complete the Bachelor’s of Social Work (BSW). The BSW is a specialized degree that educates students to be professional social workers and gain entry into direct human service professional positions.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Social Work

GENERAL COURSES:
- FINE ARTS* 3 CR. HRS.
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 4 CR. HRS.
- BIOL 111 THE BIOLOGY OF MAN 4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.
- SOC 114 SOCIAL PROBLEMS 3 CR. HRS.

PROGRAM COURSES:
- PSYCHOLOGY ELECTIVE*** 3 CR. HRS.
- SOCIOLOGY ELECTIVE** 3 CR. HRS.
- PSY 202 CHILD AND ADOLESCENT DEVELOPMENT 3 CR. HRS.
- SOC 120 MARRIAGE AND THE FAMILY 3 CR. HRS.
- SOC 218 INTRODUCTION TO SOCIAL PSYCHOLOGY 3 CR. HRS.
- SOC 219 THE SOCIOLOGY OF RACE AND ETHNICITY IN AMERICA 3 CR. HRS.
- SOCWK 220 INTRODUCTION TO SOCIAL WORK 3 CR. HRS.
- SSC 115 LEADERSHIP AND COMMUNITY SERVICE 2 CR. HRS.

* See specific requirements for Associate in Arts Degree.
** Sociology elective will depend upon the student’s area of interest in social work and the requirements of the BSW degree program to which the student intends to transfer.
*** PSY 118 is strongly recommended.

Recommended Course Sequence:
1st Semester: ENGL 110; BIOL 111; SOC 110; Humanities
2nd Semester: ENGL 111; PSY 110; SOCWK 220; Physical Science; Fine Arts
3rd Semester: PSY 202; SOC 114; COMM 110; Mathematics; Humanities/Fine Arts
4th Semester: SOC 120; SOC 218; SOC 219; SSC 115; Sociology Elective; Psychology Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: Requirements for admission to four-year colleges and universities vary a great deal. Illinois Central College has articulated agreements with several area universities to ensure ease in transfer of credits upon completion of the Associate in Science degree.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Social Sciences and Public Services Department
East Peoria Campus
Room 220D
(309) 694-5331

Sociology

GENERAL COURSES:

- FINE ARTS* 3 CR. HRS.
- HUMANITIES** 3 CR. HRS.
- HUMANITIES/FINE ARTS** 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- SOC 110 AN INTRODUCTION TO SOCIOLOGY 3 CR. HRS.
- SOC 114 SOCIAL PROBLEMS 3 CR. HRS.

PROGRAM COURSES:

- ECON 110 PRINCIPLES OF MACROECONOMICS 3 CR. HRS.
- PSY 220 ADULTHOOD AND AGING 3 CR. HRS.
- SOC 120 MARRIAGE AND THE FAMILY 3 CR. HRS.
- SOC 213 INTRODUCTION TO CULTURAL ANTHROPOLOGY 3 CR. HRS.
- SOC 218 INTRODUCTION TO SOCIAL PSYCHOLOGY 3 CR. HRS.

ELECTIVE COURSES:

- ELECTIVES* 4 CR. HRS.

* See specific requirements for Associate in Science Degree.
** Recommended Humanities: INTST 132, 133; PHIL 110

Recommended Course Sequence:
1st Semester: ENGL 110; SOC 110; Life Science; Mathematics; Humanities
2nd Semester: ENGL 111; SOC 114; PSY 110; Physical Science; History or Political Science Elective
3rd Semester: ECON 110; PSY 220; COMM 110; SOC 218; Fine Arts
4th Semester: SOC 213; SOC 120; Humanities/Fine Arts; Mathematics; Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Science

Total Credit Hours: 60 to 64

Program Information: Careers in statistics require a strong background in mathematics. Certain specific courses in the mathematics sequence are recommended. For persons interested in statistics, it is wise to consider a secondary subject in which statistical methods are applicable. Some four-year schools require as much as 15 hours in an area of this type for graduation. These might include, but are not limited to, biology, psychology or economics. Students should be aware that some colleges and universities require proficiency in a foreign language.

Additional Program Info: Students enrolled in the Associate in Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

Statistics

GENERAL COURSES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINE ARTS*</td>
<td></td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>HUMANITIES*</td>
<td></td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>HUMANITIES/FINE ARTS*</td>
<td></td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>LIFE SCIENCE*</td>
<td></td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>PHYSICAL SCIENCE*</td>
<td></td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>SOCIAL SCIENCE*</td>
<td></td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>SOCIAL SCIENCE*</td>
<td></td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>SOCIAL SCIENCE*</td>
<td></td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>COMM 110</td>
<td>COMMUNICATION: PROCESS AND PRACTICE</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>ENGL 110</td>
<td>COMPOSITION I</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>ENGL 111</td>
<td>COMPOSITION II</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>MATH 211</td>
<td>STATISTICAL ANALYSIS</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>MATH 222</td>
<td>CALCULUS AND ANALYTIC GEOMETRY I</td>
<td>5 CR. HRS.</td>
</tr>
</tbody>
</table>

PROGRAM COURSES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 122</td>
<td>DISCRETE MATHEMATICS I</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>MATH 223</td>
<td>CALCULUS AND ANALYTIC GEOMETRY II</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>MATH 224</td>
<td>CALCULUS AND ANALYTIC GEOMETRY III</td>
<td>4 CR. HRS.</td>
</tr>
<tr>
<td>MATH 230</td>
<td>LINEAR ALGEBRA</td>
<td>3 CR. HRS.</td>
</tr>
</tbody>
</table>

ELECTIVE COURSES:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 230</td>
<td>PROGRAMMING ENGINEERING APPLICATIONS</td>
<td>3 CR. HRS.</td>
</tr>
<tr>
<td>or</td>
<td>CMPSC 125 CS I: PROGRAMMING IN C++</td>
<td></td>
</tr>
</tbody>
</table>

* See specific requirements for Associate in Science Degree.

Recommended Course Sequence:
1st Semester: MATH 222; ENGL 110; Physical Science; Social Science
2nd Semester: MATH 223; MATH 211; ENGL 111; Social Science; MATH 122
3rd Semester: MATH 224; COMM 110; Social Science; Humanities/Fine Arts; Fine Arts
4th Semester: MATH 230; ENGR 230 or CMPSC 125; Life Science; Humanities

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Associate in Arts
Total Credit Hours: 60 to 64

Program Information: The Theatre course of study, leading to an Associate in Arts degree, is designed to prepare for transfer to a four-year university after completing the four semester program. We offer study in both Performance and Technical areas, one-on-one advisement with classes, and help to explore possible careers associated with theatre, film, and television. The program begins to prepare students interested in careers in Acting, Directing, Arts Management, Teaching, Scenic, Costume, Lighting and Make-up Design. The program produces four shows per year in multiple venues. This practical experience is invaluable and allows the student the opportunity to work in all areas of the theatre and gain insight and understanding of the theatrical process.

Additional Program Info: Students enrolled in the Associate in Arts degree program must meet with their assigned academic advisor to plan a specific course schedule meeting Illinois Central College and personal requirements in addition to requirements for the institution to which transfer is intended.

Contact Information:
Arts and Communication Department
East Peoria Campus
Room 124A
(309) 694-5113

Theatre

GENERAL COURSES:
- HUMANITIES* 3 CR. HRS.
- HUMANITIES/FINE ARTS* 3 CR. HRS.
- LIFE SCIENCE* 3-4 CR. HRS.
- MATHEMATICS* 3 CR. HRS.
- PHYSICAL SCIENCE* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- COMM 110 COMMUNICATION: PROCESS AND PRACTICE 3 CR. HRS.
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- PSY 110 INTRODUCTION TO PSYCHOLOGY 3 CR. HRS.
- THTRE 110 THEATRE APPRECIATION or THTRE 111 MODERN DRAMA 3 CR. HRS.

PROGRAM COURSES:
- THTRE 113 INTRODUCTION TO TECHNICAL THEATRE 3 CR. HRS.
- THTRE 114 FUNDAMENTALS OF THEATRICAL DESIGN 3 CR. HRS.
- THTRE 115 STAGE MAKE-UP 2 CR. HRS.
- THTRE 118 THEATRE PRACTICUM 1 CR. HR.
- THTRE 119 THEATRE PRACTICUM 1 CR. HR.
- THTRE 122 ACTING I 3 CR. HRS.
- THTRE 123 DIRECTING I 3 CR. HRS.
- THTRE 210 INTRODUCTION TO COSTUMING 3 CR. HRS.
- THTRE 218 THEATRE PRACTICUM 1 CR. HR.
- THTRE 219 THEATRE PRACTICUM 1 CR. HR.
- THTRE 222 ACTING II 3 CR. HRS.
- THTRE 223 DIRECTING II 3 CR. HRS.

* See specific requirements for Associate in Arts Degree.

Recommended Course Sequence:
1st Semester: THTRE 110 or 111; THTRE 122; THTRE 113; ENGL 110; THTRE 118; Mathematics
2nd Semester: THTRE 222; Life Science; Social Science; ENGL 111; THTRE 119; THTRE 115
3rd Semester: THTRE 123; THTRE 218; COMM 110; Social Science; Physical Science; Humanities
4th Semester: THTRE 114; THTRE 219; THTRE 223; THTRE 210; PSY 110; Humanities/Fine Arts

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
ASSOCIATE IN ENGINEERING SCIENCE

The Associate in Engineering Science (AES) degree is designed to complete the lower-division (freshman and sophomore) portion of a baccalaureate degree in engineering. Baccalaureate engineering programs are highly structured and require extensive, sequential mathematics and science courses at the lower division level. Because the AES degree increases the focus on mathematics and science classes needed for engineering, ICC students need to take courses in a similar pattern to those freshman and sophomore students in the field of engineering at a four-year institution. Students enrolled in this degree program will still have general education coursework to take at their transfer institution their junior or senior year. However, the general education coursework required for ICC’s AES degree will transfer as general education courses at IAI participating schools.

Students interested in engineering should meet with an engineering advisor as soon as possible after applying to ICC.
Associate in Engineering Science

Total Credit Hours: 61

Program Information: The Associate in Engineering Science program prepares students for entry into a baccalaureate level engineering program at the junior level. The suggested sequence of courses includes a minimum of 61 semester hours of mathematics, chemistry, physics, selected engineering sciences, and many general education requirements common to most engineering B.S. degree programs. (See specific graduation requirements for the Associate in Engineering Science Degree.) This sequence is articulated with Bradley University, Missouri University of Science and Technology, University of Illinois at Urbana or Chicago, and fulfills the requirements of most other universities. Students planning to attend Northern Illinois University or Southern Illinois University should meet with an advisor as early as possible.

Admission To the Program: Students must complete the COMPASS placement tests before admission into this program. Summer sessions are necessary for most engineering students.

To Remain in and Graduate From the Program: Students enrolled in the Associate in Engineering Science degree program must meet with their assigned academic advisor to plan a specific course schedule meeting the requirements of both Illinois Central College and the institution to which transfer is intended.

Contact Information:
Math, Science, and Engineering Department
East Peoria Campus
Room 320B
(309) 694-5365

GENERAL COURSES:
- ENGL 110 COMPOSITION I 3 CR. HRS.
- ENGL 111 COMPOSITION II 3 CR. HRS.
- MATH 222 CALCULUS AND ANALYTIC GEOMETRY I 5 CR. HRS.
- MATH 223 CALCULUS AND ANALYTIC GEOMETRY II 4 CR. HRS.
- MATH 224 CALCULUS AND ANALYTIC GEOMETRY III 4 CR. HRS.
- CHEM 130 GENERAL CHEMISTRY 4 CR. HRS.
- HUMANITIES/FINE ARTS* 3-4 CR. HRS.
- SOCIAL SCIENCE* 3 CR. HRS.
- SOCIAL SCIENCE or HUMANITIES/FINE ARTS* 6-7 CR. HRS.

PROGRAM COURSES:
- ENGR 110 INTRODUCTION TO ENGINEERING 1 CR. HRS.
- MATH 250 DIFFERENTIAL EQUATIONS 3 CR. HRS.
- PHYS 211 ENGINEERING PHYSICS: MECHANICS 4 CR. HRS.
- PHYS 212 ENGINEERING PHYSICS: ELECTRICITY AND MAGNETISM 4 CR. HRS.
- PHYS 213 ENGINEERING PHYSICS: THERMODYNAMICS 2 CR. HRS.

ELECTIVE COURSES:
- MATH, SCIENCE, or ENGINEERING ELECTIVES** 4-6 CR. HRS.
- ENGINEERING ELECTIVES** 8-10 CR. HRS.

* See specific requirements for the Associate in Engineering Degree.
** All electives in the engineering program should be chosen with the help of an advisor. They vary with both choice of transfer university and choice of engineering area of study. For a list of acceptable courses, see specific requirements for Associate in Engineering Science Degree.

Recommended Course Sequence:
1st Semester: MATH 222; CHEM 130; ENGL 110; ENGR 110; Elective
2nd Semester: MATH 223; PHYS 211; ENGL 111 or COMM 110 or COMM 212; Elective
3rd Semester: MATH 224; PHYS 212; Elective, Elective, Elective
4th Semester: MATH 250; PHYS 213; Elective, Elective, Elective

For the most up-to-date program requirements, go online to the College catalog: www.icc.edu/catalog

Students MUST meet each semester with their assigned academic advisor to plan a course schedule that meets student needs and fulfills program requirements.
Course Descriptions

Courses are in listed alphabetical order by subject.
COURSE IDENTIFICATION

Illinois Central College Course descriptions are listed alphabetically by subject prefix. Community Education (non-credit) classes and workshops are listed in the final section. Not all courses are offered each semester.

The description is introduced by a subject prefix followed by a three-digit course number, course title, and number of semester hours of credit.

SAMPLE COURSE LISTING

<table>
<thead>
<tr>
<th>Subject Prefix</th>
<th>Course Number</th>
<th>Course Title</th>
<th>IAI Number</th>
<th>Credit Hours</th>
<th>Type of Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCTG</td>
<td>000</td>
<td>ACCOUNTING (BUS 000)</td>
<td></td>
<td>3 HRS. (OC)</td>
<td></td>
</tr>
</tbody>
</table>

Prerequisite: ACCTG 000 or department approval. This course is a practical study of business and individual income tax accounting procedures relative to current Internal Revenue requirements. Lecture Hours: 3 Laboratory Hours: 0

COURSE NUMBERING

001-039 General Studies
040-079 Vocational Skills
080-099 Developmental
100-199 Freshman level – transfer or occupational
200-299 Sophomore level – transfer or occupational
C - followed by two digits indicates Community Education (Hobby/Leisure, non-credit)

IAI NUMBER
Refer to page 34.

PREREQUISITE

Unfulfilled prerequisites may restrict enrollment in a course. If you are unsure that you have completed a prerequisite or its equivalent, contact either your advisor or the dean/associate dean of that department.

TYPES OF CREDIT

TC - Transfer Credit – articulated with state universities; usually transferrable
OC - Occupational Credit – applicable to an occupational degree or certificate; may be transferrable
BEC - Basic Education Credit – preparation for college level course work; not applicable to degrees or certificates
GSC - General Studies Credit – applicable only to personal development; not applicable to degrees or certificates
ABE - Adult Basic Education Credit – competency/basic skills credit; not applicable to degrees or certificates
ASE - Adult Secondary Education Credit – competency/basic skills credit; not applicable to degrees or certificates
ESL - English as a Second Language – competency/basic skills credit; not applicable to degrees or certificates

CLASS FORMAT

Access to a computer and/or the Internet may be required for a class, regardless of format. See notes for a particular class in class schedule or check with instructor.

8-week classes – Classes are either more frequent or longer than regular 16-week classes, allowing you to earn a full semester’s credit in eight weeks.

Extended – Courses that extend beyond the normal end of the semester.

Flex – Students may enroll in the class any time during the semester, but must finish the class within a year.

4-week classes – Classes are either more frequent or longer than regular 16-week classes, allowing you to earn a full semester’s credit in four weeks.

Hybrid classes – Class content is delivered through a combination of face-to-face instruction and the Internet. Time required in the classroom is reduced but not eliminated.

Independent study – You develop a plan of study for a particular subject area. With approval from the dean/associate dean, you earn credit by successfully completing your project and submitting a written report by the end of the semester.

Internships – Earn college credit in selected programs while you work at approved locations. You must earn at least twelve semester hours of college credit before enrolling in an internship. Your internship schedule is arranged cooperatively among your work supervisor, your program supervisor or teaching chair, and you.

Minimesters – You study course content in a condensed time frame between semesters, usually in 11 to 13 days.

Off-campus classes – Classes offered at locations other than Illinois Central College campuses.

Short – Courses that are shorter in duration than normal.

12-week classes – Classes are either more frequent or longer than regular 16-week classes, allowing you to earn a full semester’s credit in 12 weeks.

Web classes – Course content is delivered online instead of in a classroom. A student who likes to read, write, use the computer and the Internet, and is self-directed to complete work on his or her own is more likely to succeed in a web class. Web classes are not easier nor do they take less time; they require as much if not more time than a traditional class. Web classes have deadlines and due dates. Access to a reliable computer and a stable connection to the Internet is required. NOTE: Some online math classes may require proctored testing. Contact the specific instructor for more information.

Weekend college – Classes meet on Friday, Saturday, and/or Sunday.
Accounting

ACCTG 105   BOOKKEEPING/ACCOUNTING I  3 HRS. (OC)
This course presents instruction in basic principles of accounting necessary for understanding accounting data. Practical problems and exercises are used to make concepts meaningful.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 108   ACCOUNTING USING QUICK BOOKS  3 HRS. (OC)
Prerequisite: ACCTG 105 or equivalent. This course covers basic training in the use of accounting software on microcomputers.
Lecture Hours: 2 Laboratory Hours: 2

ACCTG 113   TAX ACCOUNTING  3 HRS. (OC)
Prerequisite: ACCTG 120 or department approval. This course is a practical study of business and individual income tax accounting procedures relative to current Internal Revenue requirements.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 115   PAYROLL ACCOUNTING  3 HRS. (OC)
Prerequisite: ACCTG 105 or 120 or department approval. This course emphasizes payroll accounting theory and application through familiarization of various federal, state, and local laws effecting payroll systems of business firms. Emphasis is placed on performing detailed payroll work from time of recording employees’ hours worked to issuance of paychecks. Familiarization is given to insure adequate control over every detail of the payroll system to improve accuracy, reliability, and timeliness of payroll information processed.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 120   FINANCIAL ACCOUNTING (BUS 903)  4 HRS. (TC)
This course presents accounting as an information system that produces summary financial statements, primarily for users external to a business or other enterprise. Students study the forms of business organizations and the common transactions entered into by businesses. The emphasis is on understanding and applying basic accounting principles and other concepts that guide the reporting of the effect of transactions and other economic events on the financial condition and operating results of a business. How to analyze and interpret historical financial statements and the limitations of using these in making forward-looking business decisions is included. The primary content emphasis will be accounting for current assets and liabilities, long-term assets and liabilities, corporations’ cash flow statements and financial statement analysis.
Lecture Hours: 4 Laboratory Hours: 0

ACCTG 121   MANAGERIAL ACCOUNTING (BUS 904)  4 HRS. (TC)
Prerequisite: ACCTG 120. This course covers the fundamental principles of managerial accounting as they apply to management planning, controlling, evaluating and decision-making. Included is the identification and measurement of the costs of producing goods or services and how to analyze and control these costs. Decision models commonly used in making specific short-term and long-term business decisions are also included.
Lecture Hours: 4 Laboratory Hours: 0

ACCTG 206   INTERMEDIATE ACCOUNTING I  3 HRS. (TC)
Prerequisite: ACCTG 121 or department approval. This course helps develop familiarity with the basic assumptions underlying accounting principles, procedures, methods that are applied in the preparation of financial statements, and the proper uses that can be made of financial data. With this background, the business student is better prepared to analyze and interpret the full product of accounting; the accounting major is better prepared to continue with advanced studies to achieve professional status.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 207   INTERMEDIATE ACCOUNTING II  3 HRS. (TC)
Prerequisite: ACCTG 206. This course emphasizes accounting theory and concepts through analysis of special problems that arise in applying these underlying concepts to the financial accounting; emphasis is placed on investigation of liabilities, paid-in-capital, retained earnings, stockholder’s equity analysis, changes in financial position, and financial statement analysis. Insight is given as to how knowledge of these areas provides a basis for decision-making by management, stockholders, creditors, and other users of financial statements and accounting reports.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 208   COST ACCOUNTING  3 HRS. (TC)
Prerequisite: ACCTG 121 or department approval. This course deals with concepts and procedures applied in accumulation of cost data and use of data by management in performing functions of planning, decision-making, and control. Product cost systems, cost-volume-profit relationships, capital budgeting and inventory planning, control and valuation are topics emphasized.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 209   INTERMEDIATE ACCOUNTING III  3 HRS. (TC)
Prerequisite: ACCTG 207. This course helps further the student’s developmental knowledge with accounting theory and concepts as they relate to special financial statement components. Emphasis is placed upon appropriate financial statement reporting of revenue recognition, leases, accounting changes, and corrections of errors on prior financial statements. Additionally, preparation of the statement of cash flows along with in-depth analysis of the statement is provided to assist students as to how this data aids day-to-day management business decision making. The capstone portion of the course looks at all of the full disclosure principles mandated as an accomplishment to business financial statements.
Lecture Hours: 3 Laboratory Hours: 0

ACCTG 216   ACCOUNTING AND INFORMATION SYSTEMS  3 HRS. (OC)
Prerequisite: ACCTG 121 or department approval. This course, a synthesis of accounting and information systems, integrates data processing with experience in manual accounting procedures. Emphasis is placed on analysis and design of accounting procedures.
Lecture Hours: 2 Laboratory Hours: 2

ACCTG 250   ACCOUNTING INTERNSHIP  3 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in ACCTG 207 or department approval. In cooperation with the Internship Coordinator, each student is assisted in locating an appropriate training station within a minimum of fifteen hours per week of on-the-job work experience is provided. The student’s work will include experiences which involve accounting activities. This course may be repeated one time.
Lecture Hours: 1 Laboratory Hours: 15

Agricultural Business

AGBUS 110   INTRODUCTORY ECONOMICS OF FOOD, FIBER, AND NATURAL RESOURCES (AG 901)
This course is an introduction to the principles of economics including production principles; production costs, supply, and revenue; profit maximization; consumption and demand; price elasticity; market price determination; and competitive versus noncompetitive market models. These principles are applied to agriculture and the role of agriculture in the United States and world economics. Other topics include a survey of the world food situation; natural, human, and capital resources; commodity product marketing; and agricultural problems and policies.
Lecture Hours: 3 Laboratory Hours: 0

AGBUS 111   ECONOMICS OF AGRICULTURE  3 HRS. (TC)
This basic course covers the principles of production, supply, demand, price determination, and resource allocation as they apply to economic decisions in agriculture. It includes a study of commodity futures trading that emphasizes the use of hedging and options.
Lecture Hours: 3 Laboratory Hours: 0

AGBUS 112   AGRICULTURAL SALES  2 HRS. (OC)
This course provides an understanding of the basic principles underlying the sales process in agricultural supply and service firms. The student will become familiar with a problem solving approach to selling.
Lecture Hours: 2 Laboratory Hours: 0

AGBUS 115   COMPUTER TECHNOLOGY IN AGRICULTURE (AG 913)
This course is an introduction to computer hardware, disk operating systems, file manipulation, and printers and the use of word processing, graphics, spreadsheet, and database management software. This course will also include solutions of agriculture data-related problems and use of prepared software and templates.
Lecture Hours: 2 Laboratory Hours: 2

AGBUS 118   AGRICULTURAL COMPUTATIONS  3 HRS. (OC)
Prerequisite: Department approval. This course is a basic review of mathematics with applications in various fields such as turf management, horticulture, diesel mechanics, agribusiness, etc. Introduction to using Excel spreadsheets is included. The course is designed for the student who is entering some agriculture-related program or who needs some review of mathematics.
Lecture Hours: 3 Laboratory Hours: 0
AGBUS 200 OCCUPATIONAL INTERNSHIP AND SEMINAR I
Prerequisite: Department approval. This course provides the student majoring in Agricultural Business Management with valuable on-the-job training to study practical business problems. Usually scheduled for forty hours per week for eight weeks.
Lecture Hours: 0 Laboratory Hours: 25 or equivalent

AGBUS 211 AGRICULTURE BUSINESS AND FINANCIAL MANAGEMENT
This course will provide a study of agricultural business management as it applies to the management of farm operations. This course also includes the study of financial management through the use of resource appraisal, budgeting, financial record keeping, enterprise analysis, and capital and credit needs.
Lecture Hours: 3 Laboratory Hours: 0

AGBUS 212 MARKETING AGRICULTURAL PRODUCTS
This course allows the student to survey implications for the producer, processor, distributor and consumer created by different marketing alternatives. A study of the functions and services of each phase of the marketing channel for livestock and grain producers is included. The use of the futures market is incorporated, as it applies to the marketing of livestock and grain. The course includes the study of different grading and standardization methods used in marketing agriculture products.
Lecture Hours: 3 Laboratory Hours: 0

AGBUS 214 OCCUPATIONAL INTERNSHIP AND SEMINAR II
Prerequisite: Department approval. This course provides the student majoring in Agricultural Business Management with valuable on-the-job training to apply previous instruction to practical business problems. Usually scheduled for forty hours per week for eight weeks.
Lecture Hours: 0 Laboratory Hours: 25 or equivalent

AGBUS 255 INDEPENDENT STUDY
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

AGRI 111 Principles of Animal Science (AG 902)
This course is designed to provide the student with a theoretical understanding of the scientific principles of genetics, selection, physiology, nutrition, and management of beef cattle, dairy cattle, and sheep, with special emphasis on practical applications to management techniques.
Lecture Hours: 2 Laboratory Hours: 3

AGRI 113 Principles of Soil Fertility
This course is designed to provide a basic knowledge of chemical properties of the various types of fertilizers, their production, use and relation to soil properties, environmental conditions, crop requirements and application. The economic implications of nitrogen, phosphorus, potassium, secondary and trace elements are considered.
Lecture Hours: 2 Laboratory Hours: 3

AGRI 114 Ruminant Animal Production
This course in practical animal science introduces the student to the technical and scientific principles of genetics, selection, physiology, nutrition, and management of beef cattle, dairy cattle, and sheep, with special emphasis on practical applications to management techniques.
Lecture Hours: 2 Laboratory Hours: 3

AGRI 118 Harvesting, Drying, and Storing Grain
This course includes the principles of harvesting, drying and storing of various agricultural crops common to this vicinity. It also includes a study of the selection and operation of the equipment necessary to harvest, dry and store agricultural crops.
Lecture Hours: 2 Laboratory Hours: 0

AGRI 133 Livestock Evaluation I
Prerequisite: AGRI 133 with a grade of "C" or better or department approval. This course is a continuation of Livestock Evaluation I (AGRI 133), and provides for continued study of the relationships between form and function in the live evaluation and selection of beef cattle, swine, sheep, and goats. The student studies how to make accurate decisions about livestock quality and to defend those decisions with logical reasons.
Lecture Hours: 1 Laboratory Hours: 2

AGRI 134 Livestock Evaluation II
Prerequisite: AGRI 133 with a grade of "C" or better or department approval. This course is a continuation of Livestock Evaluation I (AGRI 133), and provides for continued study of the relationships between form and function in the live evaluation and selection of beef cattle, swine, sheep, and goats. The student studies how to make accurate decisions about livestock quality and to defend those decisions with logical reasons.
Lecture Hours: 1 Laboratory Hours: 2

AGRI 200 Introductory Soil Science (AG 904)
This course is designed to provide the student with a theoretical understanding of biological, chemical and physical properties of soils. Practical soil management and conservation practices are studied.
Lecture Hours: 3 Laboratory Hours: 0

AGRI 201 Crop Production
This course is a study of the production and harvesting of farm crops and means for improving yield and will constitute the major portion of instruction. Topics discussed include adaptation and distribution of major crops, principles of plant growth and development, selection of varieties, cultural practices, diseases of crops, and market classes and grades of major crops of the area.
Lecture Hours: 3 Laboratory Hours: 3

AGRI 203 Integrated Pest Management
This course is designed to encourage an integrated approach to pest management that ensures favorable economic, ecological, and sociological consequences. The use of genetics, biological, mechanical, cultural, and chemical methods of control will be emphasized, and the characteristics and properties of chemicals used in pest control will be studied. The identification of weeds, insects, and diseases will be incorporated with the proper methods to scout for these plant pests.
Lecture Hours: 3 Laboratory Hours: 3

AGRI 204 Introductory Crop Science (AG 903)
This course is an introduction to the kinds, origin, taxonomy, and morphology of field crops. Emphasis is placed on understanding basic principles of crop growth and development. A study of plant reproduction, crop improvement, and utilization of crops; cropping and tillage principles and practices, and field crop production hazards are included.
Lecture Hours: 3 Laboratory Hours: 3

AGRI 233 Livestock Evaluation III
Prerequisite: AGRI 133 with a grade of "C" or better and AGRI 134 with a grade of "C" or better, or department approval. This course is designed for students participating extensively in livestock judging competitions. This course is a continuation of Livestock Evaluation I and II and provides for continued study of the relationship between form and function in the live evaluation and selection of beef cattle, swine, sheep and goats. The student studies how to make accurate decisions about livestock quality and to defend those decisions with logical reasons.
Lecture Hours: 1 Laboratory Hours: 2
AGRI 234 LIVESTOCK EVALUATION IV 1 HR. (OC)
Prerequisite: AGRI 233 with a grade of "C" or better or department approval. This course is designed for students participating extensively in livestock judging competitions. It is a continuation of Livestock Evaluation III and provides for continued study of the relationship between form and function in the live evaluation and selection of beef cattle, swine, sheep, and goats. The student learns how to make accurate decisions about livestock quality and to defend those decisions with logical reasons.
Lecture Hours: 1 Laboratory Hours: 2

American Sign Language

ASL 110 AMERICAN SIGN LANGUAGE I 4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This is a beginning course in American Sign Language. It introduces basic expressive and receptive ASL vocabulary and grammar, fingerspelling, linguistic principles, and basic conversation skills. Norms of American Deaf culture, related laws, and agencies that serve this community are presented. Communication technologies that are utilized by the Deaf and hard of hearing populations will also be presented.
Lecture Hours: 4 Laboratory Hours: 2 or equivalent

ARA 211 INTERMEDIATE MODERN ARABIC IV (H1 900) 4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval, and ARA 210 with a grade of "C" or better or equivalent. This course is a continuation of ARA 210 with emphasis on advanced conversation, reading, and composition. The course is conducted primarily in Arabic.
Lecture Hours: 4 Laboratory Hours: 0

Arabic

ARA 110 ELEMENTARY MODERN ARABIC I 4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or better in ENGL 095 or better ENGL 099 or department approval. This course is designed to introduce and develop these four basic skills in modern Arabic: listening, speaking, reading, and writing.
Lecture Hours: 4 Laboratory Hours: 0

ARA 111 ELEMENTARY MODERN ARABIC II 4 HRS. (TC)
Prerequisite: ARA 110 with a grade of "C" or better or equivalent. This course is a continuation of ARA 110 with emphasis on listening, speaking, reading, and writing. The course is conducted primarily in Arabic.
Lecture Hours: 4 Laboratory Hours: 0

ARA 210 INTERMEDIATE MODERN ARABIC III 4 HRS. (TC)
Prerequisite: ARA 111 with a grade of "C" or higher or equivalent. This course is designed to develop integrated skills in reading, writing, listening, and speaking. The course is conducted primarily in Arabic.
Lecture Hours: 4 Laboratory Hours: 0

Architecture

ARCTK 106 BASIC ARCHITECTURAL DRAFTING 2 HRS. (OC)
This is an introductory course in architectural drafting for students without previous architectural drafting course or courses. Students with a minimum of one semester of architectural drafting should enroll in ARCTK 111.
Lecture Hours: 1 Laboratory Hours: 3

ARCTK 111 ARCHITECTURAL DRAFTING 3 HRS. (OC)
Prerequisite: ARCTK 106 or equivalent. This introductory course includes general drafting techniques, such as lettering, line work, orthographic projection, two-dimensional representation, perspectives, sections, and architectural conventions.
Lecture Hours: 1 Laboratory Hours: 5

ARCTK 112 STRUCTURAL DRAFTING 3 HRS. (OC)
Prerequisite: ARCTK 111 or department approval. This course introduces the student to structural drafting. Study is made of structural shop drawings and their interrelationship to the entire building, emphasizing the need for the complete structural drawing to be developed logically, completely, and according to currently accepted practices.
Lecture Hours: 1 Laboratory Hours: 5

ARCTK 113 ELEMENTARY SURVEYING 2 HRS. (OC)
Prerequisite: MAT 098 with a grade of "C" or better or MAT 099 with a grade of "C" or better or credit or concurrent enrollment in MAT 106. This is an elementary course in surveying, including the fundamentals of plane surveying, and use and care of equipment. The student becomes familiar with transit, levels, chains, tapes, level rods, and other equipment used in plane surveying. The fundamentals of legal land descriptions are included.
Lecture Hours: 1 Laboratory Hours: 3

ARCTK 114 SURVEYING 2 HRS. (OC)
Prerequisite: ARCTK 113 with a grade of "C" or better. This course develops skills in differential level surveying, profile and cross-section leveling, transit surveying, construction surveying, and surveying calculations. An introduction to GPS and GIS is included.
Lecture Hours: 1 Laboratory Hours: 3

ARCTK 115 ARCHITECTURAL PHOTOGRAPHY 2 HRS. (OC)
This course is offered to study, experiment, and demonstrate procedural skills to capture the character, purpose and human scale of architecture through small-format photography and to study photography as a tool in the design process, presentation of drawings, architectural models, and other technical aspects of the field of architecture.
Lecture Hours: 1 Laboratory Hours: 2

ARCTK 116 HISTORY OF ARCHITECTURE AND CONSTRUCTION 3 HRS. (TC)
This course allows a student to experience a comprehensive study of the evolution of architectural form and use of materials and methods of construction. This course is a chronological study ranging from primitive formulative architecture to complex contemporary engineered architecture and computer controlled building construction.
Lecture Hours: 3 Laboratory Hours: 0

ARCTK 118 BUILDING RESTORATION AND REHABILITATION 2 HRS. (OC) PLANNING
This course provides opportunities to study, define, and apply applicable period design style principles and methods for rescue and revitalization of period built single/multiple buildings. The student will select and use an actual situation to develop comprehensive design and planning skills and will be expected to apply theoretical and methodological principles outlined in class. The student is expected to establish individual approaches to preservation design and demonstrate ability to find a suitable compromise between aesthetic and environmental goals.
Lecture Hours: 1 Laboratory Hours: 2

ARCTK 119 BLUEPRINT READING - CONSTRUCTION 1 HR. (OC)
This course provides a basic understanding of architects' drawings and specifications. Emphasis is on giving broad practical instruction in content and meaning of blueprints, the types of drawings used and an explanation of terms and symbols commonly employed by architects. It is usually taught in eight three-hour sessions.
Lecture Hours: 5 Laboratory Hours: 1 or equivalent

ARCTK 125 SOILS AND FOUNDATION MATERIALS 3 HRS. (OC)
Prerequisite: MAT 098 or concurrent enrollment. This is an introductory course in which the student will become familiar with soil testing and mechanics for construction. Also covered are topics in foundation material with emphasis given to properties of materials and quality control.
Lecture Hours: 2 Laboratory Hours: 3

ARCTK 201 ARCHITECTURAL DRAFTING 4 HRS. (OC)
Prerequisite: ARCH 131 with a grade of "C" or better. In this course the student will learn how to prepare working drawings of residential and commercial structures from schematic and preliminary sketches; Principles of residential and commercial construction are introduced for preparation of working documents for the assigned building type.
Lecture Hours: 2 Laboratory Hours: 6

ARCTK 203 MECHANICS OF MATERIALS 3 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in PHYS 112. This course covers statics strength of materials, selections of materials for particular applications, and inspection of materials. Materials testing methods are stressed in the laboratory.
Lecture Hours: 2 Laboratory Hours: 3
ARCH 225 SITE DEVELOPMENT 2 HRS. (OC)
Prerequisite: ARCTK 113 with a grade of "C" or better. This course is designed to study considerations of site selection, including land survey, survey computations, contours, uses of contour leveling, computation of cut and fill, drainage and grading, and staking out of buildings and roads.
Lecture Hours: 1 Laboratory Hours: 3

ARCH 227 ENVIRONMENTAL SYSTEMS OF BUILDINGS 3 HRS. (OC)
Prerequisite: Sophomore standing or department approval. This course is designed to survey different types of environmental systems and their application relevant to human occupancy of buildings, which includes heat, atmospheric control, light, electric power, solar energy, transportation, communication, sanitation, acoustics and related equipment.
Lecture Hours: 3 Laboratory Hours: 0

ARCH 228 CONSTRUCTION MANAGEMENT 3 HRS. (OC)
Prerequisite: Sophomore standing or department approval. This course acquaints the student with general aspects and organization of the construction industry. Emphasis is placed on construction planning and scheduling, including critical path method (CPM), resource leveling and control.
Lecture Hours: 2 Laboratory Hours: 3

ARCH 229 COST ESTIMATING AND CONSTRUCTION PRACTICE 3 HRS. (OC)
Prerequisite: ARCH 201 with a grade of "C" or better. This course acquaints the student with contract documents for architectural construction, utilizing the latest recommendations of Construction Specifications Institute and the American Institute of Architects. It familiarizes the student with estimating of building construction costs utilizing the quantity, survey, and approximate methods and also the “systems” approach.
Lecture Hours: 3 Laboratory Hours: 0

ARCH 255 INDEPENDENT STUDY 1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. (Repeatable up to a maximum of five semester hours of credit).
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Architecture

ARCH 110 ARCHITECTURAL ORIENTATION 3 HRS. (TC)
This course consists of a series of lectures, seminars, and field trips designed to present the relation of architecture to other disciplines and professions, the role of the architect in society, and the challenges and opportunities of the profession.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

ARCH 111 INTRODUCTION TO ARCHITECTURAL RENDERING 2 HRS. (TC)
This introductory course includes architectural perspective sketching and architectural delineation in black and white media.
Lecture Hours: 1 Laboratory Hours: 2

ARCH 112 ARCHITECTURAL RENDERING IN COLOR 2 HRS. (TC)
Prerequisite: ARCH 111 with a grade of "C" or better. This course includes advanced architectural sketching, introduction of color media, description of speed techniques, and detailing.
Lecture Hours: 1 Laboratory Hours: 2

ARCH 115 INTRODUCTION TO THE ART & SCIENCE OF GREEN BUILDING 3 HRS. (OC)
This introductory survey course will examine the core concepts of green building ranging from the global impacts of the built environment to the fundamentals of building science. Topics include sustainable site development, energy efficiency, renewable energy, project team integration, materials selection, and the concept of appropriate technology. The course will provide a cross-disciplinary approach to learning that enables students to integrate skills and knowledge from multiple sources and experiences, and apply their understanding to their professional and civic life.
Lecture Hours: 3 Laboratory Hours: 0
Automotive Technology

AUTO 110   INTERNAL COMBUSTION ENGINES 3 HRS. (OC)
Prerequisite: Department approval. This course discusses the principles of piston driven internal combustion engine designs and variations in design and operational characteristics of different engine types. In the laboratory, the student will learn the proper use of hand tools, micrometers, dial indicators and other special tools in the visual inspection, measurement and service procedures for spark ignition engines.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 111   INTRODUCTION TO AUTOMOTIVE TECHNOLOGY 3 HRS. (OC)
Prerequisite: Department approval. This course provides instruction and lab experience in shop safety, shop operation and how to obtain service information. Also covered are the basic inspection and servicing techniques of electrical systems, brake systems, and automatic transmissions and transaxles.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 114   MOTOR VEHICLE ELECTRICAL SYSTEMS 3 HRS. (OC)
Prerequisite: Department approval. This course is designed to include electrical concepts as they apply to electrical systems. It will include the use of electrical test equipment used to diagnose electrical problems found on motor vehicles. Major emphasis is on the application of these principles as they apply to the transportation industry.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 115   FUEL AND IGNITIONS SYSTEMS FOR GASOLINE ENGINES 4 HRS. (OC)
Prerequisite: AUTO 110 or ENGPR 118 and 114. This course covers the principles of fuel and ignition systems in modern gasoline engines. Diagnostic techniques and repair procedures are emphasized. Special emphasis is placed on the use of modern test equipment to analyze problems and computer operations.
Lecture Hours: 3 Laboratory Hours: 3

AUTO 116   ELECTRICAL ACCESSORY CIRCUITS 3 HRS. (OC)
Prerequisite: AUTO 114 or ENGPR 114 with a grade of "C" or better. This course covers electrical components and systems associated with the transportation industries and their applications. Diagnostic techniques and repair procedures are emphasized.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 117   MANUAL TRANSMISSION AND DRIVE AXLES 3 HRS. (OC)
Prerequisite: Department approval. This course explores the transmission of power from the internal combustion engine by mechanical means. Problems in design and application are solved. The laboratory experience includes inspection, dis-assembly, and repair of automatic transmissions, torque converters and trans-axles.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 118   AUTOMOTIVE INTERNSHIP 4 HRS. (OC)
Prerequisite: AUTO 117 with a grade of "C" or better. This course is designed to provide an overview of the motor vehicle service industry. The course will examine employment opportunities and job requirements within the sales, service, and parts department of independent shops, mass-merchandisers, vehicle service departments, and franchised dealerships. Local dealers and shop owners as well as their technicians will be utilized in helping the students gain the required knowledge to become successful technicians. Emphasis will be placed on facilities, pricing service labor and parts, accounting, warranty, and supervision of personnel.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 120   AUTOMOTIVE SUSPENSION, STEERING AND ALIGNMENT 3 HRS. (OC)
Prerequisite: Department approval. This course is a study of the design and operation of suspension and steering systems used in the automotive industry. It includes the use of diagnostic equipment and making component repairs on current automobiles.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 121   AUTOMOTIVE AIR CONDITIONING SYSTEMS 3 HRS. (OC)
Prerequisite: Department approval. This course is an introduction into the basic theory and principles of air conditioning as they relate to automotive applications. Use of test equipment to diagnose and repair malfunctions, including repair of component parts and the charging and recharging of systems will be stressed. In the laboratory, manufacturers' specifications will be utilized in performing standard service operations. Automotive engine cooling systems are also covered in the course.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 201   ENGINE MACHINING AND REBUILDING 4 HRS. (OC)
Prerequisite: AUTO 110 within five years of registration. This course consists of internal engine design, diagnosis and rebuilding. Emphasis will be placed upon cylinder, cylinder head, crankshaft, and bearing repair.
Lecture Hours: 2 Laboratory Hours: 6

AUTO 203   AUTOMOTIVE BRAKE SYSTEMS 3 HRS. (OC)
Prerequisite: Department approval. This course is a study of the design and operation of brake systems used in the automotive industry. It includes the use of diagnostic equipment and making component repairs on current automobiles.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 213   ENGINE PERFORMANCE AND TESTING 3 HRS. (OC)
Prerequisite: AUTO 110, AUTO 115, AUTO 201, and AUTO 244 with a grade of "C" or better, or department approval. This course covers the operation, calibration, and use of measuring instruments in testing internal combustion engines and related equipment. On-the-engine tests such as: brake, horsepower, torque, and fuel consumption are included in the laboratory work.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 218   MOTOR VEHICLE ELECTRONICS 3 HRS. (OC)
Prerequisite: AUTO 244 with a grade of "C" or better. This course provides the background needed to diagnose and repair the sophisticated electronics and computerized circuits within the motor vehicles used in the agricultural, heavy equipment and transportation industries. Basic electronic concepts, component function and system operation are covered. Manufacturers' procedures are taught to identify malfunctions and to test the systems properly.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 224   EMISSIONS AND DRIVEABILITY 3 HRS. (OC)
Prerequisite: AUTO 115 with a grade of "C" or better. This course covers the emission control systems used in internal combustion engines. The use of test equipment and proper repair procedures are emphasized. Drive-ability of the automobile is also covered by studying the interaction of fuel, ignition, and emission systems.
Lecture Hours: 2 Laboratory Hours: 3

AUTO 250   AUTOMOTIVE INTERNSHIP 4 HRS. (OC)
Prerequisite: Department approval. This supervised experience is required of students enrolled in the Automotive Technology program. Students' needs and objectives determine major emphasis of this course.
Lecture Hours: 0 Laboratory Hours: 20 or equivalent

Banking

BANK 110   PRINCIPLES OF BANK OPERATIONS 3 HRS. (OC)
This course touches on nearly every aspect of banking from the fundamentals of negotiable instruments to contemporary issues and developments within the industry.
Lecture Hours: 3 Laboratory Hours: 0

BANK 115   LAW AND BANKING 3 HRS. (OC)
This course is a banker's guide to law and legal issues, with special emphasis on the Uniform Commercial Code.
Lecture Hours: 3 Laboratory Hours: 0

BANK 116   LAW AND BANKING APPLICATIONS 3 HRS. (OC)
This course provides an introduction to the legal aspects of banking. It is designed to educate the student on the many laws pertaining to secured transactions, letters of credit, and the bank collection process.
Lecture Hours: 3 Laboratory Hours: 0
Course Descriptions

ILLINOIS CENTRAL COLLEGE

BANK 120 MONEY AND BANKING 3 HRS. (OC)
Prerequisite: BANK 110, or department approval. This course presents a fundamental treatment of how money functions in the U.S. and world economics. Topics include the concept of money supply and the role your bank plays as a money creator and participant in the nation's payment mechanism. The course also explains how the various types of financial institutions operate, the workings of monetary and fiscal policies, the functions and powers of the Federal Reserve, and more.
Lecture Hours: 3 Laboratory Hours: 0

BANK 125 ANALYZING FINANCIAL STATEMENTS 3 HRS. (OC)
Prerequisite: ACCTG 120. This course is designed to give a thorough understanding of financial statements and interpretation so credit can be extended soundly and constructively. The student is introduced to practical problems in financial statement analysis.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

BANK 212 BANK MARKETING 3 HRS. (OC)
This course looks at what motivates customers to purchase financial services and teaches bankers how to develop a successful marketing plan. It gives insight to how marketing affects all aspects of banking.
Lecture Hours: 3 Laboratory Hours: 0

Biology

BIOL 106 HUMAN BIOLOGY 4 HRS. (OC)
This course is designed for the student desiring knowledge relative to the gross structure and basic functioning of the human body. This course meets the basic needs of all requiring in-breadth, but not in-depth, study of the human body.
Lecture Hours: 3 Laboratory Hours: 2

BIOL 110 LIFE SCIENCE (L1 900L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course introduces the student to the diversity of living organisms, their behavior and ecology with emphasis on population and pollution. Along with BIOL 111, it can be considered equivalent to a one-year sequence in General Biology.
Lecture Hours: 3 Laboratory Hours: 2

BIOL 111 THE BIOLOGY OF MAN (L1 900L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course develops an understanding of the biological nature of man including their reproduction, genetics, origin, and evolution. Along with BIOL 110, it can be considered equivalent to a one-year sequence in General Biology.
Lecture Hours: 3 Laboratory Hours: 2

BIOL 114 ENVIRONMENTAL BIOLOGY (L1 905L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course introduces the student to the relationship of humans to their environment based on an understanding of ecological concepts and principles. Topics of study include aspects of ecology, pollution and other environmental issues, with emphasis on current events and possible solutions for the future. Laboratory exercises will employ hands-on exercises and some field experiences.
Lecture Hours: 3 Laboratory Hours: 2

BIOL 115 NATIVE PLANTS AND ANIMALS (L1 905L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course includes field studies of local native plants and animals. It covers identification, classification, collection techniques, natural history, ecology, and animal behavior. Emphasis is on outdoor field work.
Lecture Hours: 2 Laboratory Hours: 4

BIOL 120 GENERAL BOTANY (L1 900L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course includes a study of the basic principles of plant structure, growth, physiology, reproduction and evolution.
Lecture Hours: 3 Laboratory Hours: 2

BIOL 130 GENERAL ZOOLOGY (L1 902L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course includes the study of the animal kingdom: evolution, classification, survey of invertebrates, survey of vertebrates, ecology and animal behavior.
Lecture Hours: 3 Laboratory Hours: 3

BIOL 140 HUMAN ANATOMY AND PHYSIOLOGY I (L1 904L) 4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course presents an introduction to the study of human anatomy and physiology with emphasis on the development of the human body. This course is intended for science majors or other students with department approval.
Lecture Hours: 3 Laboratory Hours: 0

BIOL 150 GENETICS (L1 906) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an introduction to general genetics with strong human orientation. Included are basic patterns of inheritance, genetic structure and function, genetic defects, genetic control of development and behavior, and the sociological impact of genetics on the future of man.
Lecture Hours: 3 Laboratory Hours: 0

BIOL 160 BIOPRINCIPLES I (L1 900L BIO 910) 4 HRS. (TC)
Prerequisite: COMPASS reading score of “B” or better and Math Placement Score required to enter MATH 165 or department approval. This science majors' course begins a one-year sequence on biology principles. It covers the nature of science, diversity of living organisms, the origin of life, cell structure and function, metabolism, reproduction and embryology. The laboratory is research oriented. The BIOL 160-161 sequence is intended for science majors or other students with department approval.
Lecture Hours: 3 Laboratory Hours: 3

BIOL 161 BIOPRINCIPLES II (BIO 910) 4 HRS. (TC)
Prerequisite: BIOL 160 with a “C” or better. This course completes a one-year sequence on biology principles. Topics include genetics, evolution, ecology, adaptations and behavior. The research-oriented lab includes writing a scientific paper. The BIOL 160-161 sequence is intended for science majors or other students with department approval.
Lecture Hours: 3 Laboratory Hours: 3

BIOL 205 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I 4 HRS. (TC)
Prerequisite: (#1) A score of 81 or higher on the COMPASS Reading Placement Test (or an ACT score of 18 or higher) AND (#2) completion with a grade of “C” or better of CHEM 115 or higher AND BIOL 111 or BIOL 160 OR a passing score on the Anatomy & Physiology Placement Test OR department approval. This course studies the structural relationships of the body at the molecular, cellular, tissue, organ, and system levels with an emphasis on the integration of human function. BIOL 205 covers introductory cell biology and cellular physiology and the Integumentary, Nervous, Endocrine, and Reproductive Systems.
Lecture Hours: 3 Laboratory Hours: 2.5

BIOL 206 PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II 4 HRS. (TC)
Prerequisite: BIOL 205 or equivalent with a grade of “C” or better. This course is a continuation of BIOL 205 that studies the structural and functional relationships and interdependence of body systems. Laboratory exercises in anatomy and physiology are part of this course. The organ systems covered include: Skeletal, Muscular, Cardiovascular, Respiratory, Lymphatic, Urinary, and Digestive.
Lecture Hours: 3 Laboratory Hours: 2.5

BIOL 210 MICROBIOLOGY 4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, AND completion of BIOL 140 or above with a minimum grade of “C” or better or department approval. This course involves the study of the cultivation, morphology, physiology, pathology, reproduction, genetics, and control of bacteria. Activities of yeasts, protozoa, algae, and molds, along with investigation of their economic importance, are included.
Lecture Hours: 2 Laboratory Hours: 4

BIOL 230 VERTEBRATE ZOOLOGY 4 HRS. (TC)
Prerequisite: BIOL 110, 111, 130, or 160 with a “C” or better or department approval. This course is a study of fish, amphibians, reptiles, birds, and mammals, and covers their anatomy, evolution, physiological ecology, and classification. The laboratory provides intensive anatomical work on several representative species.
Lecture Hours: 3 Laboratory Hours: 3

BIOL 250 FIELD BIOLOGY I (L1 905L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course includes field studies of the biology in various sections of North America. Stress is placed on interdependency of life forms and their association with physical and climatic features of their environment. Students are required to prepare a notebook stressing biological concepts studied. A student must be physically fit for camping and hiking. Often taught concurrently with EASC 250. The three week period will include lecture as well as field studies. Ten hours of class presentation followed by three weeks of field study.
Lecture Hours: 2 Laboratory Hours: 4
BUS 116 BUSINESS LAW 3 HRS. (TC)
Prerequisite: BUS 115. This course is a continuation of BUS 115. Topics include: business organizations, public law, the nature and use of commercial instruments, and personal and real property.
Lecture Hours: 3 Laboratory Hours: 0

BUS 215 LEGAL ENVIRONMENT OF BUSINESS 3 HRS. (TC)
This course provides the student with an overview of the legal environment within which business must operate. Appropriate public and private law topics are discussed. Legislative and administrative processes are discussed as well as public and private litigation procedures. Specific topics include: Constitutional law, torts, contracts, criminal, property, social and ethical responsibilities, employment law, administrative procedures and rules.
Lecture Hours: 3 Laboratory Hours: 0

BUS 220 INTRODUCTION TO BUSINESS FINANCE 3 HRS. (TC)
Prerequisite: ACCTG 120 or department approval. This course is designed to develop an understanding of the principles, methods and problems relevant to obtaining, controlling, and using capital and working funds in the operation of a business. The course exposes the student to both theory and problems related to financial analysis and financial management.
Lecture Hours: 3 Laboratory Hours: 0

BUS 230 PRINCIPLES OF INVESTMENTS 3 HRS. (OC)
This course covers the principles and problems of personal investing. It covers the risks and returns associated with stocks, bonds, savings accounts, real estate and more speculative investments. It also includes a discussion of external factors, such as tax laws the individual needs to investigate before making an investment.
Lecture Hours: 3 Laboratory Hours: 0
BUS 240 PERSONAL FINANCE 3 HRS. (TC)
This course provides the student with a study of contemporary personal finance issues facing all individuals in today's modern society. Specific topics of study include the management of cash and savings, asset ownership, borrowing and credit, insurance, investments, and income and estate planning.
Lecture Hours: 3 Laboratory Hours: 0

BUS 255 INDEPENDENT STUDY 1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. (Repeatable up to a maximum of five semester hours of credit).
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

BUS 260 FINANCE INTERNSHIP 3 HRS. (OC)
Prerequisite: Admission to the Finance program and completion of a minimum of 12 semester hours of business or business-related program courses. This course involves student trainees at an approved training station with a program of training scheduled by joint agreement of the student, supervisor, and program coordinator. Special assignments including extensive finance projects and/or supplementary reports and supervisory direction and evaluation are required.
Lecture Hours: 1 Laboratory Hours: 15

Caterpillar Dealer Service Technology

CATTK 110 CATERPILLAR ENGINE FUNDAMENTALS 4 HRS. (OC)
Prerequisite: Department approval. This course discusses the principles of compression ignitioned internal combustion engines and variations in design. Caterpillar engines will be used in the class.
Lecture Hours: 2 Laboratory Hours: 6

CATTK 111 INTRODUCTION TO CATERPILLAR SERVICE INDUSTRY 2 HRS. (OC)
Prerequisite: Department approval. This course provides instruction and laboratory experience in shop safety, shop operation and how to obtain Caterpillar service information.
Lecture Hours: 1 Laboratory Hours: 3

CATTK 112 FUNDAMENTALS OF HYDRAULICS 3 HRS. (OC)
Prerequisite: Department approval. This course is a practical study of the basic principles and components of hydraulic circuits and the application of these principles to Caterpillar agricultural and construction equipment machines. Major emphasis is on developing student competencies in the areas of servicing and maintaining hydraulic equipment. Laboratory practices include disassembly and reassembly of components and tracing circuits.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 113 CATERPILLAR ENGINE FUEL SYSTEMS 3 HRS. (OC)
Prerequisite: CATTK 110 with a grade of "C" or better and department approval. This course is a study of combustion chamber design, Caterpillar fuel injection systems, diagnosing faults in fuel injection and combustion systems.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 114 FUNDAMENTALS OF ELECTRICAL SYSTEMS 3 HRS. (OC)
Prerequisite: Department approval. This course is designed to include electrical concepts as they apply to electrical systems. It will include the use of electrical test equipment to diagnose electrical problems found on Caterpillar equipment and engines.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 114 FUNDAMENTALS OF ELECTRICAL SYSTEMS 3 HRS. (OC)
Prerequisite: Department approval. This course is designed to include electrical concepts as they apply to electrical systems. It will include the use of electrical test equipment to diagnose electrical problems found on Caterpillar equipment and engines.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 115 AIR CONDITIONING 2 HRS. (OC)
Prerequisite: Department approval. This course provides an introduction into the basic theory and principles of air conditioning as they relate to Caterpillar equipment and engines. Use of test equipment to diagnose and repair malfunctions, including repair of component parts and the charging and recharging of systems, will be stressed in the laboratory.
Lecture Hours: 1 Laboratory Hours: 3

CATTK 116 FUNDAMENTALS OF TRANSMISSIONS & TORQUE CONVERTERS 3 HRS. (OC)
Prerequisite: CATTK 112 with a grade of "C" or better and department approval. This course is a study of the various transmissions and differential used in Caterpillar equipment, including constant mesh, sliding gear, hydrostatic, synchro-mesh, and the newer transmissions involving planetary sets. An understanding of the operation, maintenance, and adjustment of the clutch and brakes will be an integral part of this course.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 117 MACHINE HYDRAULIC SYSTEMS 3 HRS. (OC)
Prerequisite: CATTK 112 with a grade of "C" or better and department approval. This course is designed for inspecting, testing, and servicing, and diagnosing Caterpillar hydraulic circuits, systems, and components. Appropriate testing procedures and equipment will be utilized.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 150 INTERNSHIP I 4 HRS. (OC)
Prerequisite: Department approval. This supervised experience is required of students enrolled in the Caterpillar Dealer Service Technology curriculum. The placement experience is obtained through the cooperation of an employer. Student's needs and objectives determine major emphasis. Forty hours per week.
Lecture Hours: 0 Laboratory Hours: 40

CATTK 150 INTERNSHIP II 4 HRS. (OC)
Prerequisite: CATTK 150 with a grade of "C" or better and department approval. This supervised experience is required of students enrolled in the Caterpillar Dealer Service Technology curriculum. The placement experience is obtained through the cooperation of an employer. Student's needs and objectives determine major emphasis. Forty hours per week.
Lecture Hours: 0 Laboratory Hours: 40

CATTK 200 UNDERCARRIAGE/FINAL DRIVES 3 HRS. (OC)
Prerequisite: Department approval. This course is designed to study the various driveline systems found on Caterpillar equipment. The course content will cover brakes, suspension, undercarriage, and steering components.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 201 MACHINE ELECTRONIC SYSTEMS 3 HRS. (OC)
Prerequisite: CATTK 114 with a grade of "C" or better and department approval. This course provides the background needed to diagnose and repair the sophisticated electronics and computerized circuits found on Caterpillar equipment and engines. Basic system operation, electronic concepts, and component function are covered. Caterpillar procedures are taught to identify malfunctions and to test the systems properly.
Lecture Hours: 2 Laboratory Hours: 3

CATTK 202 CATERPILLAR ENGINE PERFORMANCE 2 HRS. (OC)
Prerequisite: CATTK 113 and 201 with a grade of "C" or better and department approval. This course provides a thorough understanding of the necessary diagnostic skills required for troubleshooting Caterpillar engines and fuel systems. Emphasis will be placed upon knowledge and skills necessary to assure product reliability and performance.
Lecture Hours: 1 Laboratory Hours: 3

CATTK 203 DIAGNOSTIC TESTING 1 HR. (OC)
Prerequisite: CATTK 110 and CATTK 114 both with a grade of "C" or better. This is a course that studies the practical use of diagnostic equipment for analyzing and repairing Caterpillar machine and engine systems. Emphasis is placed on Applied Failure Analysis.
Lecture Hours: 1 Laboratory Hours: 0

CATTK 204 MACHINE SPECIFIC SYSTEMS 4 HRS. (OC)
Prerequisite: CATTK 117 and 201 with a grade of "C" or higher and department approval. This course is a course to develop knowledge and skills used to test and adjust specific Caterpillar machine systems.
Lecture Hours: 2 Laboratory Hours: 6

CATTK 250 INTERNSHIP III 4 HRS. (OC)
Prerequisite: CATTK 151 with a grade of "C" or higher and department approval. This supervised experience is required of students enrolled in the Caterpillar Dealer Service Technology curriculum. The placement experience is obtained through the cooperation of an employer. Student's needs and objectives determine major emphasis. Forty hours per week.
Lecture Hours: 0 Laboratory Hours: 40

CATTK 251 INTERNSHIP IV 4 HRS. (OC)
Prerequisite: CATTK 250 with a grade of "C" or better and department approval. This supervised experience is required of students enrolled in the Caterpillar Dealer Service Technology curriculum. The placement experience is obtained through the cooperation of an employer. Student's needs and objectives determine major emphasis. Forty hours per week.
Lecture Hours: 0 Laboratory Hours: 40
Course Descriptions

Chemistry

CHEM 094 INTRODUCTION TO CHEMISTRY 3 HRS. (BEC)
Prerequisite: Concurrent enrollment in MAT 098 or higher. This course is designed as an introduction to basic chemistry principles as preparation for additional course work in chemistry. Recommended for students with minimal math preparation and without a year of high school chemistry. The course includes the use of the scientific calculator, the solution of basic chemical problems, the study of the metric system, fundamental atomic structure, chemical formulas, and chemical equations. This course is repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CHEM 110 CHEMISTRY AND SOCIETY (P1 903L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and completion of MAT 098 with a grade of “C” or better or a score of 66 on the algebra COMPASS test or department approval. This course is intended to establish an understanding of the role of chemistry in modern society by developing the principles of chemistry in the context of their social, environmental, and cultural impact. Typical discussions will include: energy sources and transformations, drugs and health care, agricultural and food chemicals, air and water pollution, toxic wastes and their disposal. At a technical level, it surveys basic principles of chemistry: experimental measurements, matter, chemical symbols, atomic and molecular structure, the chemical bond, temperature, heat and energy conversions, the gas laws, solution chemistry, and basic chemical calculations. Credit will not be granted to those students who have already earned credit in a previous college level chemistry course of comparable or higher level. Recommended as a general education course for liberal arts majors.
Lecture Hours: 3 Laboratory Hours: 2

CHEM 115 FOUNDATIONS OF CHEMISTRY (P1 902L) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and completion of MAT 098 or MATH 115 or higher with a grade of “C” or better or a Math COMPASS Test score of 66 on the Algebra section or any score on the College Algebra or Trigonometry section, or department approval. This course is a one-semester survey of General, Organic, and Biological Chemistry. It covers atomic structure, chemical bonding, solutions, organic functional groups, properties of physiological importance, and metabolic pathways. Mathematical and treatment problem solving are expected in the first part of the course. Recommended for students in dental hygiene and other health-related occupations.
Lecture Hours: 3 Laboratory Hours: 2

CHEM 120 PRINCIPLES OF CHEMISTRY I (P1 902L) 4 HRS. (TC)
Prerequisite: Completion of MAT 098 with a grade of “C” or better or a Math Placement score of 66 or higher on the “Algebra” subsection or into the “College Algebra” subsection of the Math Placement Test, or department approval. This course is a study of the fundamental principles governing the behavior of matter. Topics include atomic structure, stoichiometry, chemical bonding, equilibrium and reactions. Recommended for students enrolled in four-year programs in such fields as nursing (BSN) and allied health professions, agriculture, family and consumer science, computer science, prerequisite for general chemistry sequence (CHEM 130 / CHEM 132), or as a general education course. The important mathematical skills involved in basic chemistry are developed, but overall there is less mathematical emphasis than in CHEM 130.
Lecture Hours: 3 Laboratory Hours: 3

CHEM 122 PRINCIPLES OF CHEMISTRY 4 HRS. (TC)
Prerequisite: CHEM 120 with a grade of “C” or better or department approval. This course is a continuation of CHEM 120. The main focus of this course is on organic and biochemistry.
Lecture Hours: 3 Laboratory Hours: 3

CHEM 130 GENERAL CHEMISTRY (P1 902L, CHM 911) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and one year of high school chemistry or CHEM 120 with a grade of “C” or better and a score of 51 or better on the trigonometry COMPASS test or concurrent enrollment in MATH 165. This course is a study of fundamental chemistry principles including atomic structure, chemical bonding, kinetic theory, solutions, and chemical stoichiometry. Recommended for pre-professional, engineering and chemistry majors.
Lecture Hours: 3 Laboratory Hours: 3

CHEM 131 GENERAL CHEMISTRY 3 HRS. (TC)
Prerequisite: CHEM 130 or department approval. This course is a continuation of CHEM 130. The course includes ionic equilibrium, electrochemistry, thermodynamics, nuclear chemistry, and survey of the elements.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CHEM 132 GENERAL CHEMISTRY (CHM 912) 4 HRS. (TC)
Prerequisite: CHEM 130 or department approval. This course is a continuation of CHEM 130. It includes ionic equilibria, electrochemistry, thermodynamics, nuclear chemistry, and a survey of the elements. Laboratory includes semi-micro qualitative analysis.
Lecture Hours: 3 Laboratory Hours: 3

CHEM 210 FUNDAMENTALS OF ANALYTICAL CHEMISTRY 4 HRS. (TC)
Prerequisite: Completion of CHEM 132 or equivalent with a grade of “C” or better. This course is a study of the fundamental theory and practical aspects of the traditional and modern areas of chemical analysis methods. The course covers traditional topics such as sample preparation, data collection and analysis. The course also covers the three major areas of modern instrumental methods of analysis: spectroscopy, separations, and electrochemistry. The course will emphasize the physical and chemical principles upon which analytical techniques are based, how analytical instruments and their components operate, and how these techniques can be used to solve analytical problems.
Lecture Hours: 3 Laboratory Hours: 3

CHEM 220 ORGANIC CHEMISTRY (CHM 913) 5 HRS. (TC)
Prerequisite: CHEM 122 or 132 with a grade of “C” or better. This is the first semester of a two-semester sequence. It includes a study of the structure, nomenclature, reactivity, and synthesis of organic compounds. Reaction mechanisms and stereochemistry are emphasized. The laboratory includes macro and micro scale techniques and synthesis. Gas and liquid chromatography as well as infrared instrumentation are used to identify synthesized compounds.
Lecture Hours: 4 Laboratory Hours: 3

CHEM 230 ORGANIC CHEMISTRY (CHM 914) 4 HRS. (TC)
Prerequisite: CHEM 220 or equivalent. This course is a continuation of CHEM 220, concluding with a study of lipids and carbohydrates. Laboratory includes multi-step synthesis, instrumentation, and computerized analysis.
Lecture Hours: 3 Laboratory Hours: 3

Child Development

CHILD 110 INTRODUCTION TO CHILD DEVELOPMENT 3 HRS. (OC)
Prerequisite: Program admission or department approval. This course is designed to give an overview of the philosophy, history, and types of early childhood programs, including programs for the exceptional child, qualifications of personnel, techniques of observing, and recording the actions and needs of children from birth to eight years of age.
Lecture Hours: 3 Laboratory Hours: 0

CHILD 120 HUMAN GROWTH AND DEVELOPMENT 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is the study of social, emotional, physical, and intellectual aspects of child growth and development. It also covers prenatal through pre-adolescence development. Emphasis is placed on normal development of the young child; however, the student is also introduced to the deviations from the norm and to the implications for working with children in various developmental stages.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CHILD 130 INTRODUCTION TO CREATIVE ACTIVITIES 3 HRS. (OC)
Prerequisite: CHILD 120 with a “C” or better or department approval. This course includes an introduction to a variety of media suitable for use with young children. The course is designed to help understand the use of media in enriching educational activities for young children.
Lecture Hours: 2 Laboratory Hours: 2

CHILD 132 INFANT-TODDLER DEVELOPMENT 3 HRS. (OC)
Prerequisite: CHILD 120 with a “C” or better or department approval. This course will focus on developmental growth patterns and specific needs of infants and toddlers. Students will observe infants and toddlers in multiple settings. Students examine current research and plan appropriate activities for child-care settings.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CHILD 140 CHILD, FAMILY, AND COMMUNITY 3 HRS. (OC)
Prerequisite: CHILD 120 with a “C” or better or department approval. This course focuses on the child within the context of family and community. Issues of communication, diversity, social policy, parent-child, and professional-family relationships will be emphasized. Included are methods of parent-teacher communication and the use of community resources.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

246
COMM 107 COMMUNICATION APPREHENSION 1 HR. (TC)
This course introduces the student to the nature and purpose of communication apprehension and the extent of its presence in daily interactions, as well as provide the student with knowledge and an appreciation of the ideas and skills involved in overcoming communication apprehension. The student will be expected to acquire and utilize the knowledge and skills necessary for effective communication on all levels of social interaction.
Lecture Hours: 1 Laboratory Hours: 0

COMM 108 VOICE AND DIALECT 1 HR. (TC)
This course introduces the student to the ideals and skills involved in communication effectiveness needed between diverse cultures, including the college environment. The student will be expected to acquire and utilize the knowledge and skills necessary for effective communication on all levels of social interaction.
Lecture Hours: 1 Laboratory Hours: 0

COMM 110 COMMUNICATION: PROCESS AND PRACTICE (C2 900) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course provides the foundations for theoretical understanding about interpersonal communication, intercultural communication, group communication, nonverbal communication, verbal communication, intrapersonal communication, and rhetorical strategies. The course also provides practical application in public speaking and group membership.
Lecture Hours: 3 Laboratory Hours: 0

COMM 115 INTRODUCTION TO PUBLIC RELATIONS 3 HRS. (TC)
This course provides an overview of the practices, theories, ethics, issues and problems facing public relations, and it allows the student to develop an appreciation for and an understanding of the Public Relations (PR) field.
Lecture Hours: 3 Laboratory Hours: 0

COMM 116 ORAL INTERPRETATION 3 HRS. (TC)
This course is an analysis of the literary forms of prose, poetry and drama for the purpose of orally recreating the author's intellectual and emotional intentions and of communicating those insights to an audience through controlled use of voice and body. Emphasis is placed on selection and preparation of materials as well as presentation. This course is acceptable as humanities credit.
Lecture Hours: 3 Laboratory Hours: 0

COMM 118 COMMUNICATION PRACTICUM I 1 HR. (TC)
Prerequisite: Department approval. This course offers the student practical experience in a wide variety of communication activities which may include forensics competition, tournament work and various communication workshops.
Lecture Hours: 0 Laboratory Hours: 2

COMM 119 COMMUNICATION PRACTICUM II 1 HR. (TC)
Prerequisite: Department approval. This course offers the student practical experience in a wide variety of communication activities which may include forensics competition, tournament work and various communication workshops.
Lecture Hours: 0 Laboratory Hours: 2

COMM 120 INTERPERSONAL COMMUNICATION 3 HRS. (TC)
This course explores the non-presentational side of communication. It is designed to help a student improve the skills necessary for more effective and more efficient day-to-day communication. This course is recommended for any student who wishes to sharpen person-to-person communication skills and for students majoring in communication.
Lecture Hours: 3 Laboratory Hours: 0

COMM 155 COMMUNICATION INTERNSHIP I 1 HR. (TC)
Prerequisite: Department approval. This course is designed to provide the student with an on-site educational work experience. The student will work an arranged number of hours per week at an appropriate location under the supervision of a communication professional. The student will work at least five hours per week per credit hour received or equivalent plus weekly meetings with a college supervising professor.
Lecture Hours: 0 Laboratory Hours: 5 - 20 or equivalent

COMM 203 COMMUNICATION: GROUP DYNAMICS 3 HRS. (TC)
Prerequisite: COMM 110 or department approval. This course introduces the student to the principles and skills of effective group communication. The course will give the student practical experience in working within the group framework and executing group presentations. The student is expected to acquire and demonstrate the basic knowledge and skills necessary for effective group communication.
Lecture Hours: 3 Laboratory Hours: 0

Chinese

CHN 110 ELEMENTARY MANDARIN CHINESE I 4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or "C" or better in ENGL 095 or "C" or better in ENGL 099 or department approval. This course is an introduction to Mandarin Chinese. It is designed to develop four basic skills in Mandarin Chinese: listening, speaking, reading, and writing.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

CHN 111 ELEMENTARY MANDARIN CHINESE II 4 HRS. (TC)
Prerequisite: CHN 110 or equivalent. This course is a continuation of CHN 110 with emphasis on listening, speaking, reading, and writing. The course is conducted primarily in Mandarin Chinese.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

CHN 210 INTERMEDIATE MANDARIN CHINESE III 4 HRS. (TC)
Prerequisite: CHN 111 or equivalent. This course is designed to develop integrated skills in reading, writing, listening, and speaking. The course is conducted primarily in Mandarin Chinese.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

CHN 211 INTERMEDIATE MANDARIN CHINESE IV (H1 900) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and CHN 210 or equivalent. This course is a continuation of CHN 210 with emphasis on advanced conversation, reading, and composition. The course is conducted primarily in Mandarin Chinese.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

Communication

COMM 106 THE LISTENING LEARNER 1 HR. (TC)
This course introduces the student to the ideals and skills involved in effective listening, as well as to provide the student with an appreciation of the nature and uses of effective listening in college and public life. The student will be expected to acquire and utilize the knowledge and skills necessary for effective listening as a learner and as a member of society.
Lecture Hours: 1 Laboratory Hours: 0
COMM 204  INTERCULTURAL COMMUNICATION                        3 HRS. (TC)
Prerequisite: A score of "81" on the COMPASS test, or department approval. This course is designed to be a survey of communication with emphasis on the communicative variables of culture. It covers intercultural communicative theory, nonverbal communication, verbal communication, and group communication. This course is recommended for any student who wishes to learn the dynamics of intercultural communication and for students majoring in communication.
Lecture Hours: 3 Laboratory Hours: 0

COMM 212  PUBLIC SPEAKING (C2 900)                                3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval.
This course is designed to provide the student with additional training and experience in the preparation and execution of various types of public address. In addition, the course seeks to provide the student with knowledge of and an appreciation of rhetorical analysis and criticism. The diversity of the course curriculum makes the course highly useful to students of all majors.
Lecture Hours: 3 Laboratory Hours: 0

COMM 218  COMMUNICATION PRACTICUM III                           1 HR. (TC)
Prerequisite: Department approval. This course offers the student practical experience in a wide variety of communication activities which may include forensics competition, tournament work and various communication workshops.
Lecture Hours: 0 Laboratory Hours: 2

COMM 219  COMMUNICATION PRACTICUM IV                            1 HR. (TC)
Prerequisite: Department approval.
This course offers the student practical experience in a wide variety of communication activities which may include forensics competition, tournament work and various communication workshops.
Lecture Hours: 0 Laboratory Hours: 2

COMM 222  READERS THEATRE                                       3 HRS. (TC)
This course concentrates on the study of various styles and techniques of Oral Interpretation in Readers Theatre. The presentation produced by the class will be toured through the area schools, civic organizations, and presented at ICC. Areas of concern are on vocal development, interpretive approach to literature and imaginative presentation. Three lecture hours per week and additional rehearsals and productions as scheduled.
Lecture Hours: 3 Laboratory Hours: 0

COMM 245  INTRODUCTION TO COMMUNICATION THEORY                   3 HRS. (TC)
Prerequisite: COMM 110 or department approval. This course is designed to introduce basic concepts, areas of inquiry and current theories in the discipline of speech communication.
Lecture Hours: 3 Laboratory Hours: 0

COMM 248  SPECIAL TOPICS IN PUBLIC RELATIONS                     1 HR. (TC)
Prerequisite: COMM 115 or department approval.
This course is a special topics course that will be adjusted on an on-going basis in order to address current events and issues affecting public relations. The primary goal of the course is to allow for examination of various topics addressed by public relations practitioners including crisis communication, event planning, political campaign analysis, as well as addressing how scandals affect both corporate and individual image using examples taken directly from today’s headlines. This course may be repeated up to three times as long as the topic and content are different. The student shall not exceed more than a total of six (6) hours of COMM 248 (Repeatable up to a maximum of three semester hours of credit)
Lecture Hours: 1 - 3 Laboratory Hours: 0

COMM 255  COMMUNICATION INTERNSHIP II                           1-3 HR. (TC)
Prerequisite: Department approval.
This course is designed to provide the student with an on-site educational work experience. The student will work an arranged number of hours per week at an appropriate location under the supervision of a communication professional. The student will work at least five hours per week for one credit hour received or equivalent plus weekly meetings with a college supervising professor.
Lecture Hours: 0 Laboratory Hours: 5 - 20 or equivalent

Computer Management - CISCO

CMCIS 147  FUNDAMENTALS OF VOICE AND DATA CABLING I               4 HRS. (OC)
Prerequisite: CMGEN 110 or department approval.
This course is designed to provide students with classroom and laboratory experiences in order to learn the physical aspects of voice and data networking cable and installation for employment and/or further education and training in the computer networking field. In addition, it will help prepare the student for the Building Industry Consulting Services International (BICSI) Registered Installer, Level 1 certification. Instruction includes, but is not limited to safety issues; basic networking; termination of copper, coaxial, and fiber cable; Quality of Service (QoS); rough-in, trim-out, and finish phases; and wireless networking.
Lecture Hours: 3 Laboratory Hours: 2

CMCIS 151  NETWORK FUNDAMENTALS                                  4 HRS. (OC)
This is the fourth of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. This course includes but is not limited to: safety, network topologies, network equipment and operating systems, networking protocols and terminology, network standards and models, LANs, WANs, cabling, cabling tools, and IP addressing. Particular emphasis is given to the use of decision-making and problem-solving techniques in applying science, mathematics, and communications concepts to solve networking problems. In addition, instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment.
Lecture Hours: 3 Laboratory Hours: 2

CMCIS 152  ROUTING AND SWITCHING ESSENTIALS                      4 HRS. (OC)
Prerequisite: CMCIS 151 with a grade of “C” or better.
This is the second of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. This course includes, but is not limited to: basic switch and router operations, configuration of static routing and dynamic routing protocols, virtual local area network implementations, and various operations that enable communications across a local area network. Particular emphasis is given to the use of decision-making and problem-solving techniques in applying science, mathematics, and communications concepts to solve networking problems. In addition, instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment.
Lecture Hours: 3 Laboratory Hours: 2

CMCIS 153  LAN SWITCHING                                       4 HRS. (OC)
Prerequisite: CMCIS 152 with a grade of “C” or better.
This is the third of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. This course includes, but is not limited to: basic switch and router operations, configuration of static routing and dynamic routing protocols, virtual local area network implementations, and various operations that enable communications across a local area network. Particular emphasis is given to the use of decision-making and problem-solving techniques in applying science, mathematics, and communications concepts to solve networking problems. In addition, instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment.
Lecture Hours: 3 Laboratory Hours: 2

CMCIS 154  WAN COMMUNICATION                                    4 HRS. (OC)
Prerequisite: CMCIS 153 with a grade of “C” or better.
This is the fourth of four courses designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. This course includes, but is not limited to: the principles of traffic control and access control, as well as service protocols and protocols at the data link and network layers that allow for wide-area access. Particular emphasis is given to the use of decision-making and problem-solving techniques in applying science, mathematics, and communications concepts to solve networking problems. In addition, instruction and training are provided in the proper care, maintenance, and use of networking software, tools, and equipment.
Lecture Hours: 3 Laboratory Hours: 2

CMCIS 155  CCNA CERTIFICATION REVIEW                           1 HR. (OC)
Prerequisite: CMCIS 154 or CCNA or department approval.
This course will review topics required to successfully pass the Cisco Certified Network Associate professional certification.
Lecture Hours: 1 Laboratory Hours: 0

CMCIS 156  CCNA VOICE                                         3 HRS. (OC)
Prerequisite: CMCIS 153 with a grade of “C” or better, CCNA certification or department approval.
This course is designed to provide students with classroom and laboratory experience in voice configurations. The current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. This course includes, but is not limited to: construction and switch configurations with a specific focus on the Voice technologies. The emphasis of the CCNA Voice certification will focus on VoIP fundamentals including Cisco Unified Communications Manager Express Implementation, architecture, traditional telephony operations, IP Telephony, handset, call control and voice mail solutions with the use of Cisco Unity Call Manager Express and Smart Business Communications System Implementation.
Lecture Hours: 2 Laboratory Hours: 2
CMCIS 157  CCNA WIRELESS  3 HRS. (OC)
Prerequisite: CMCIS 153 with a grade of “C” or better, CCNA certification or department approval. This CCNA specialization course is designed to provide students with classroom and laboratory experience in wireless configurations. The current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to, a continuation of all router and switch configurations with a specific focus on the Wireless technologies/fundamentals, basic Cisco WLAN installation, wireless clients, and security and administration. The emphasis of the CCNA Wireless course will focus on configuration, implementation and support of wireless LANs using Cisco equipment. This will include monitoring and troubleshooting for WLANs in a small and medium-sized business and enterprise installations.
Lecture Hours: 2 Laboratory Hours: 2

CMCIS 158  CCNA SECURITY  3 HRS. (OC)
Prerequisite: CMCIS 153 with a grade of “C” or better, CCNA certification or department approval. This CCNA specialization course is designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. The current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to, a continuation of all router and switch configurations with a specific focus on the Wireless technologies/fundamentals, basic core security technologies and development of security policies and mitigating risks. This course will also address abilities to recognize vulnerabilities in networks and detection of potential security threats.
Lecture Hours: 2 Laboratory Hours: 2

CMCIS 271  CCNP ROUTE  4 HRS. (OC)
Prerequisite: CMCIS 154 or CCNA certification or department approval. This course is designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to, a continuation of all router and switch configurations with a specific focus on the Wireless technologies/fundamentals, basic core security technologies and development of security policies and mitigating risks. The course will also address abilities to recognize vulnerabilities in networks and detection of potential security threats.
Lecture Hours: 2 Laboratory Hours: 2

CMCIS 273  CCNP SWITCH  4 HRS. (OC)
Prerequisite: CMCIS 271 with a grade of “C” or better or department approval. This course is designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to, a continuation of all router and switch configurations with a specific focus on the Wireless technologies/fundamentals, basic core security technologies and development of security policies and mitigating risks. The course will also address abilities to recognize vulnerabilities in networks and detection of potential security threats.
Lecture Hours: 2 Laboratory Hours: 2

CMCIS 274  CCNP TROUBLESHOOTING  4 HRS. (OC)
Prerequisite: CMCIS 273 with a grade of “C” or better or department approval. This course is designed to provide students with classroom and laboratory experience in current and emerging networking technologies that will empower them to enter employment and/or further education and training in the computer networking field. Instruction includes, but is not limited to, a continuation of all router and switch configurations with a specific focus on the Wireless technologies/fundamentals, basic core security technologies and development of security policies and mitigating risks. The course will also address abilities to recognize vulnerabilities in networks and detection of potential security threats.
Lecture Hours: 2 Laboratory Hours: 2

Computer Management - General

CMGEN 090  FOUNDERAL COMPUTER SKILLS  3 HRS. (BEC)
In this course, students will begin to develop skills needed to use computers in educational and occupational environments. Students will be introduced to computer hardware, software, and the Internet.
Lecture Hours: 2 Laboratory Hours: 2

CMGEN 110  INTRODUCTION TO WINDOWS  3 HRS. (OC)
This course teaches the student how to work with an operating system. Topics include managing a Windows work session, managing the system, managing files, customizing the interface through the Control Panel, working with the built-in utilities, learning to tailor applications under Windows, learning to run DOS and Windows applications, running multiple applications, and learning to share data among multiple applications.
Lecture Hours: 2 Laboratory Hours: 2

CMGEN 120  COMPUTER APPLICATIONS  3 HRS. (OC)
This course is designed to teach students to use a computer operating system, word processing software, spreadsheet software, database management software, presentation software, and integration of these software packages. Transfers students should take CMPCS 120.
Lecture Hours: 2 Laboratory Hours: 2

CMGEN 123  COMPUTER MATHEMATICS  3 HRS. (OC)
Prerequisite: MAT 094 with a grade of “C” or better or an appropriate score on the math placement test. This course is intended to introduce the computer student to those mathematical techniques and terminology which are commonly used in computer applications.
Lecture Hours: 3 Laboratory Hours: 0

CMGEN 141  SPECIAL TOPICS  .5-3 HRS. (OC)
The contents of this special topics course will vary to allow an examination of various topics, such as software updates or new software. Each section offered will present a unique topic of value to students in the field of computers. This course may be repeated three times if the topic and content are different. Lecture and laboratory hours per week will vary depending upon the credit given and course content in each section offered.
Lecture Hours: 3 Laboratory Hours: 0

CMGEN 255  INDEPENDENT STUDY  1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the student the opportunity to work on a technical project, research, or other specialized study related to his/her individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Computer Management - Networking

CMNET 110  NETWORK CONCEPTS  3 HRS. (OC)
This course provides a baseline level of knowledge of computer networking. The course begins with information on how to select and maintain a network. Existing network hardware and software are examined, and methods of connecting networks are explored. Finally, security considerations and installation concerns are addressed.
Lecture Hours: 3 Laboratory Hours: 0

CMNET 130  WINDOWS COMMAND LINE  3 HRS. (OC)
This course provides students with the knowledge and skills required to utilize the commands and functions that are available from the Windows command line.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 140  WINDOWS ADMINISTRATION  3 HRS. (OC)
This course provides students with the knowledge and skills required to install, configure, administer, and troubleshoot Microsoft desktop operating systems.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 150  COMPUTER HARDWARE INFRASTRUCTURE  3 HRS. (OC)
This course introduces students to the underlying components of personal computers from hardware elements to the software that operates the computer. Students will be provided with the knowledge and skills required to perform computer hardware installation, maintenance, and problem resolution.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 151  OPERATING SYSTEM ENVIRONMENTS  3 HRS. (OC)
This course will provide the practical knowledge and skills necessary to troubleshoot computer operating systems. Students will learn the fundamentals of Windows operating systems. Topics covered will include how to install, configure, upgrade, diagnose, and troubleshoot Windows operating systems. In addition, fundamental networking capabilities of these operating systems will be studied.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 155  INTRODUCTION TO COMPUTER FORENSICS  3 HRS. (TC)
This course will provide an overview of computer forensics and associated investigation tools and techniques. Students will learn what computer forensics and investigation is as a profession and gain an understanding of the overall investigative process. The most commonly used computer operating system architectures and disk structures will be discussed. Students will learn the importance of digital evidence and how to process crime and incident scenes. Finally, they will learn the fundamentals of data acquisition, computer forensic analysis, email investigations, image file recovery, investigative report writing, and expert witness requirements.
Lecture Hours: 2 Laboratory Hours: 2
CMNET 160 INTRODUCTION TO NETWORK SECURITY 3 HRS. (OC)
Prerequisite: CMWEB 110 with a grade of "C" or better or CMCIS 151 with a grade of "C" or better, or concurrent enrollment or department approval. This course will provide an introduction to network security issues. Intended as a survey course, the material covered in this class will provide broad-based knowledge necessary to prepare students for further study in specialized areas of security. Topics covered will include but not be limited to authentication, remote access, intrusion detection, disaster recovery planning, security forensics, and security issues involved in email, web, and wireless networks.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 165 HELP DESK CONCEPTS 3 HRS. (OC)
Prerequisite: CMNET 150 and 140 all with a grade of "C" or better or department approval. In this course, students are introduced to the organizational role and operation of the help desk function as it merges technology with communication and customer support services.
Lecture Hours: 3 Laboratory Hours: 0

CMNET 190 WIRELESS NETWORKING 3 HRS. (OC)
Prerequisite: CMCS 151 with a grade of "C" or better or department approval. The purpose of this course is to provide training for individuals who wish to administer, install, design, and support IEEE 802.11-compliant networks. Students will learn about the fundamental concepts behind wireless networking such as radio frequency basics, network architecture, and access methods as well as to apply this information in practical labs that range from configuration of access points to site-surveys.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 210 WINDOWS SERVER ADMINISTRATION 3 HRS. (OC)
Prerequisite: CMNET 140 with a grade of "C" or better or department approval. This course provides students with the knowledge and skills required to install, configure, administer, and troubleshoot Microsoft network operating system.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 220 NETWORK INFRASTRUCTURE ADMINISTRATION 3 HRS. (OC)
Prerequisite: CMNET 210 with a grade of "C" or better or department approval. This course provides students with the knowledge and skills required to implement and support TCP/IP and Windows network services in local and wide-area network environments.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 226 SQL SERVER ADMINISTRATION 3 HRS. (OC)
Prerequisite: CMNET 210 with a grade of "C" or better or department approval. This course provides students with the knowledge and skills required to design, implement, and maintain a Windows network infrastructure.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 230 DIRECTORY SERVICE ADMINISTRATION 3 HRS. (OC)
Prerequisite: CMNET 210 with a grade of "C" or better or department approval. This course provides students with the knowledge and skills needed to implement and administer an enterprise-class, central directory database and its services.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 250 ADVANCED SECURITY TOPICS 3-4 HRS. (OC)
Prerequisite: CMNET 230 with a "C" or better or department approval. This course is designed to teach the fundamentals of securing Windows servers that are connected to corporate networks and the Internet. In addition to learning the fundamentals of designing a secure framework, students will learn how to secure computers based on their function, how to secure the network management process, and how to configure group policies and administrative functions to increase ease of maintenance while retaining high levels of security. Students will learn the fundamentals of scripting with an emphasis on PowerShell, how to use existing scripts to assist in rapid deployment of security fixes and documentation, how to write scripts to interface with the operating system, and how to document scripts so they can be maintained by others. Students will learn terminology associated with security, scripting, and the fundamentals of risk assessment and management. Lecture and laboratory hours per week will vary depending upon the credit given and the course content in each section offered, this course is repeatable up to a maximum of four total hours of credit.
Lecture Hours: 2 Laboratory Hours: 3 or equivalent

CMNET 260 NETWORKING INTERNSHIP 3 HRS. (OC)
Prerequisite: Department approval. In cooperation with the Internship Coordinator, each student is assisted in locating an appropriate training station where a minimum of fifteen hours per week of on-the-job work experience is provided. The student's work will include those experiences which involve hands-on computer experience. This course may be repeated one time; however, it may be used only once to fulfill the requirement for an Associate in Applied Science degree.
Lecture Hours: 1 Laboratory Hours: 15 or equivalent

CMNET 261 COMPUTER FORENSICS II 3 HRS. (OC)
Prerequisite: CMNET 155 with a grade of "C" or better or department approval. The purpose of this course is to provide students a more in-depth look at computer forensics and the techniques used in computer forensics exams while utilizing Guidance Software EnCase Forensic utility. Students will learn advanced techniques for conducting computer forensic exams as well as participate in computer forensic examination exercises. Students will generate computer forensic exam reports and participate in mock computer forensic trials.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 267 CURRENT TOPICS IN UNIX 3 HRS. (OC)
Prerequisite: CMPTC 249 with a grade of "C" or better. This course is designed to dynamically cover current topics in the UNIX operating environment. Coverage will include updates concerning hardware and software changes, security issues, and other advanced topics that do not warrant a complete course.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 268 SYSTEM INTEROPERABILITY 3 HRS. (OC)
Prerequisite: CMNET 210 and CMFC 249 both with a grade of "C" or better. With the explosive growth of networks, there are many issues and challenges created by the interoperability surrounding different operating systems. The capability of operating systems to coexist, communicate, transact, and share data and applications is imperative. Students in this course will gain the knowledge of the tools used to integrate operating systems and maintain network interoperability.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 270 MESSAGING INFRASTRUCTURE ADMINISTRATION 3 HRS. (OC)
Prerequisite: CMNET 210 with a grade of "C" or better and CMNET 220 with a grade of "C" or better (or concurrent enrollment) and CMNET 230 with a grade of "C" or better (or concurrent enrollment) or department approval. This course provides students with the knowledge and skills that are needed to update and support a reliable, secure messaging infrastructure. This infrastructure is used for creating, storing, and sharing information by using a messaging server (e.g., Microsoft Exchange Server) in a medium-sized to large-sized messaging environment. This course offers hands-on practices, discussions, and assessments that assist students in becoming proficient in the skills that are needed to update and support a messaging server.
Lecture Hours: 2 Laboratory Hours: 2

CMNET 280 FIREWALL ADMINISTRATION 3 HRS. (OC)
Prerequisite: CMNET 210 with a grade of "C" or better or department approval. This course provides students with the knowledge and skills required to plan, install, configure, manage, monitor, and troubleshoot firewall, proxy, and caching services in local and wide-area network environments.
Lecture Hours: 2 Laboratory Hours: 2

Computer Management – Web

CMWEB 110 HTML AND ADVANCED INTERNET 3 HRS. (OC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is designed to teach the use of tools available to access information on the Internet and to cover the basic creation of web pages using HTML. Included in the course are methods to access the World Wide Web, search for information, create web pages using HTML objects in a text editor, and transfer files (using File Transfer Protocol). Hardware and software considerations will be covered. Students will also be exposed to web-based collaborative technologies and will develop a solid understanding of the underlying standards and standards-making committees.
Lecture Hours: 2 Laboratory Hours: 2

CMWEB 115 WRITING FOR THE WWW 3 HRS. (OC)
Prerequisite: ENGL 110 and CMWEB 110 or concurrent enrollment or department approval. This course is designed to teach how to create effective Web content which is searchable and findable. The course will cover various approaches to creating this content using words, pictures, sound, and video. Methods to measure site effectiveness and content curation (including tagging) will also be reviewed. A wide range of interactive writing skills and formats will be emphasized.
Lecture Hours: 2 Laboratory Hours: 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits (OC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMWEB 120</td>
<td>BUILDING WEB PAGES WITH HTML AND CSS</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 130</td>
<td>WEB TECHNOLOGY AND BUSINESS</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 135</td>
<td>BUSINESS USE OF SOCIAL MEDIA</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 140</td>
<td>ELECTRONIC COMMERCE</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 141</td>
<td>WEB SPECIAL TOPICS</td>
<td>1-3 HRS.</td>
</tr>
<tr>
<td>CMWEB 150</td>
<td>WEB ACCESSIBILITY</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 155</td>
<td>WEB USER EXPERIENCE DESIGN</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 160</td>
<td>SCRIPTING FOR WEB DESIGNERS</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 200</td>
<td>JAVASCRIPT FOR WEB DEVELOPERS</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 220</td>
<td>WEBSITE DEVELOPMENT WITH CSS</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 225</td>
<td>FLASH FUNDAMENTALS AND ACTIONSCRIPT</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 235</td>
<td>RICH INTERNET APPLICATIONS WITH FLEX AND AJAX</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 240</td>
<td>WINDOWS WEB SERVER SCRIPTING WITH ASP.NET</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 241</td>
<td>PHP</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 250</td>
<td>XML, XSL, AND RELATED TECHNOLOGIES</td>
<td>3 HRS.</td>
</tr>
<tr>
<td>CMWEB 256</td>
<td>WEB INTERNSHIP</td>
<td>1 HR.</td>
</tr>
<tr>
<td>CMWEB 270</td>
<td>WEB APPLICATION SECURITY</td>
<td>3 HRS.</td>
</tr>
</tbody>
</table>

Prerequisite: CMWEB 110 or department approval. This course is designed to teach the fundamentals of web page construction. Included in the course are methods to create static web pages with HTML and CSS and methods to develop, deploy, and maintain websites. Effective web page design and website architecture will be reviewed. Students will be exposed to the fundamentals of website project management as well as techniques to maintain a website. Tools that automate some processes will be discussed.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course is designed to teach the practical use of web technologies in a business environment with emphasis on current popular content management systems. Emphasis will be placed on the project management, legal issues, and business applications of web technologies. Integration of the website into business processes and infrastructure will be discussed.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is designed to teach the usage of social media. Students will learn current business best practices to grow an online presence. Pitfalls and security issues will be discussed. Employment of metrics to measure effectiveness of social media campaigns will also be reviewed.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 110 or department approval. This course is designed to teach the practical application of electronic commerce in a web environment. Business and marketing considerations will be emphasized. Security and payment processing will be reviewed. Emerging technologies and best practices will be examined.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: Department approval. This course is a special topics course which will vary to allow an examination of various topics such as software updates or new software. Each section offered will present a unique topic of value to students in web systems. This course may be repeated three times if the topic and content are different. Lecture hours per week will vary depending upon the credit given and course content in each section offered.

Lecture Hours: 1-3 Laboratory Hours: 0

Prerequisite: CMWEB 110 or department approval. This course is designed to provide the student with a foundation for creating accessible websites. Students will apply Universal Design Concepts to accommodate individuals with visual, mobility, auditory, speech, and cognitive disabilities. Students will design and test web pages for compliance with accessibility guidelines (W3C WCAG 2.0) and legal requirements (Section 508). Coding techniques for accessible HTML and CSS will be emphasized.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 110 or department approval. This course is designed to provide an introduction to the theory and practice of website (and web application) interface design. The goal is to create user interfaces which are intuitive to most visitors. Emphasis will be on the basics of 2D graphical user interfaces. We will focus on design and evaluation methodologies in the field of user experience.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 120 or concurrent enrollment or department approval. This course is designed to teach logic fundamentals with respect to both client side and server side scripting. Students will learn the basics of when scripting is appropriate and how to decompose a problem so that it can be solved with snippets of script. JavaScript will be employed on the client side and PHP on the server side. Students will be exposed to various concepts dealing with web page validation and creation of more dynamic websites. Those wishing more in-depth education will be encouraged to pursue the web developer track (CMWEB 200, CMWEB 240, and CMWEB 241).

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 120 and one of the following: CMWEB 160 or CMPSYC 115, 124, or 125 or department approval. This course is designed to teach the fundamentals of client side scripting with emphasis on JavaScript. Included in this course are methods to add interaction to web pages and to understand JavaScript syntax and event handlers. Obfuscation of code, documentation, and source code control will also be covered. Students will learn how to develop custom objects (classes) and deploy them on their web pages. Students will understand the HTML Document Object Model and how this is employed in current technologies (for example, AJAX - Asynchronous XML and JavaScript).

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 120 or department approval. This course is designed to teach the use of web standards in development of websites. Emphasis is placed on CSS and cross browser development issues. Students completing this course will understand advanced approaches to maintaining large websites with appropriate tools and methodologies. Tools that automate these processes will be discussed.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 160 or department approval. This course is designed to teach the practical use of Flash in a WWW environment. Students will be exposed to the basics of the Flash development environment and will learn the fundamentals of Flash Actionscript. The syntax of Actionscript will be reviewed in detail (including debugging).

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 160 and CMWEB 225 or department approval. This course is designed to teach the fundamentals of application development architected on current RIA technologies (such as AJAX and FLEX). Interfaces to databases (and XML data stores) will be stressed along with development and deployment of websites that behave more like desktop applications.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 120 or department approval. This course is designed to teach the use of ASP.NET technologies using IIS web servers to interface legacy applications and to develop new web applications. Use of the Visual Studio Integrated Development Environment will be stressed. Web pages will be developed for multiple browser environments (including mobile devices). Students will be exposed to error handling and debugging techniques. Validation of data submitted via web forms will be reviewed along with interactions with databases and XML data stores. Web services will also be discussed.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 160 or department approval. This course is designed to teach the fundamentals of server side scripting with emphasis on the syntax of PHP. We will focus on creation of interactive web pages using PHP. Once students understand the basics of the language (syntax, flow control, operators, arrays, functions, and similar concepts), we will examine uses of this technology. This will include a review of session management (including cookies), utilization of data stores, creating and consuming web services, and interactions with databases.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: CMWEB 120 or department approval. This course is designed to cover the fundamentals of XML and XSL. Well-formed XML documents will be validated with various approaches (such as DTDs, Schemas, and RELAX NG schemas). There will be emphasis on DOM, AJAX, and related technologies. Web services will be created and consumed using various tools. Formatting of XML documents with XSL (including XSLT and XSL- FO) and CSS will be reviewed. Current technologies and emerging technologies based on XML will be reviewed.

Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: Department approval. In cooperation with the Web Internship Coordinator, each student is assisted in locating an appropriate web client organization (or web project) where a minimum of fifteen hours per week of on-the-job work experience is provided (or the equivalent hours of experience working on an approved web project). This can be working either at a for-profit or not-for-profit organization. (The student will need to work with someone other than himself or herself on this project). The student's work will include those experiences that involve actual web design and development activities. This course may be repeated two times, however it may be used only once to fulfill the requirement for an Associate in Applied Science degree.

Lecture Hours: 1 Laboratory Hours: 15 or equivalent
CMWEB 280  WEB PAGE DEVELOPMENT FOR MOBILE DEVICES  3 HRS. (OC)
Prerequisite: CMWEB 160 or department approval. This course is designed to
teach development of web based applications for mobile devices (including
smartphone, tablet devices and related hardware). Students will learn what is
involved in development of websites which can dynamically adapt to small screen
size viewports. Students will also learn how to develop applications relying on
accepted industry tools which can be used to create specific files (such as .apk for
Android devices).
Lecture Hours: 2 Laboratory Hours: 2

CMWEB 290  WEB SERVER ADMINISTRATION  3 HRS. (OC)
Prerequisite: CMWEB 120 or CMCIS 151 or department approval. This course is designed to teach web server administration (Microsoft software, open source Linux
software, and commercial hosting providers). Planning, configuration, and mainte-
nance will be stressed. Installation of selected applications will be covered. Server
security will be discussed. Network fundamentals for webmasters will be presented.
Support for supplementary technologies (and packages) will be presented.
Lecture Hours: 2 Laboratory Hours: 2

Computer Science

CMPSC 115  ESSENTIALS OF PROGRAMMING  3 HRS. (OC)
Prerequisite: CMPSC 120 or CMGEN 110 with a grade of “C” or better or depart-
ment approval. This course is designed to give students exposure to essential
programming concepts. Its primary goal is to familiarize students to a disciplined
approach to programming logic, problem-solving methods, and algorithm develop-
ment. Using a PC-based programming language, the course teaches program design,
coding, testing, debugging, and documentation at the introductory level. When
completed, the student will be able to solve programming tasks in disciplined fashion.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 120  BUSINESS COMPUTER SYSTEMS (BUS 902)  3 HRS. (TC)
Prerequisite: MAT 088 with a grade of “C” or better or equivalent. This course is
designed for pre-baccalaureate students planning on majoring in business after
transferring to a four-year college or university. Students are acquainted with the
use of business packages including word processing, database, spreadsheet, and
presentation software, as well as Internet access methods. In addition, operating systems
and the basics of management information systems are covered.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 124  EVENT-DRIVEN PROGRAMMING IN VISUAL BASIC  3 HRS. (TC)
Prerequisite: Proven MS Windows proficiency; or CMPSC 120, CMGEN 120, or
CMGEN 110 with a grade of “C” or better. This introductory course in event-driven
programming will introduce the student to real world applications for the world’s
most widely used operating system, Microsoft Windows. The student will become
familiar with how computers are programmed, the Visual Basic editor (IDE), control
structures, procedures and functions, arrays, data types, graphics and graphical
user interfaces, event-driven programming (task/object/event), error handling, and
sequential and random access file processing. Concentration will be on writing
well-planned and user-friendly programs.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 125  CS I: PROGRAMMING IN C++ (CS 911)  3 HRS. (TC)
Prerequisite: MAT 098 with a grade of “C” or better. This course is an introduction to
computer science; its primary purpose is to introduce a disciplined approach to
problem-solving methods and algorithm development, emphasizing data and
procedural abstraction. Using C++, the course teaches program design, coding,
testing, debugging, and documentation.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 128  INTRODUCTION TO GAMES AND THEIR DESIGN  3 HRS. (OC)
This course presents a complete overview of the gaming industry with emphasis
placed on learning the fundamental terminology. The principles of game design are
covered in such a way that the student can see how they apply to the creation of a
level or section of a game. In addition to the basic techniques, the student is intro-
duced to the impact of visual design, theme, and atmosphere upon the enrichment
of a game. Both 2D and 3D are covered along with limitations on design and the
impact on the final product. Case studies reinforce these basic principles.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 129  INTRODUCTION TO GAME PROGRAMMING  3 HRS. (OC)
Prerequisite: MAT 098 or concurrent enrollment, and computer proficiency. This
course teaches the student the basics of programming computer games including
data handling, code structures, event-handling, audio, sprites, animation, and
realistic movement.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 135  CS I: PROGRAMMING IN JAVA  3 HRS. (TC)
Prerequisite: MAT 098 with a grade of C or better. The first in a sequence of Java
programming courses. Introduces a disciplined approach to problem-solving and
algorithm development, in addition to an introduction to procedural and data
abstraction. Covers: selection, repetition, and sequence control structures; program
design, testing, and documentation using good programming style; block-structured
high-level programming languages; and arrays, records and files.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 140  INTRODUCTION TO RELATIONAL DATABASES  3 HRS. (OC)
Prerequisite: CMPSC 115, 124, 125, or 215 with a grade of “C” or better or
department approval. In this course elementary relational database concepts will
be presented. Database modeling will be explained and normalization will be
discussed. Structured Query Language (SQL) and advanced database concepts
will be introduced.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 200  C# PROGRAMMING  3 HRS. (OC)
Prerequisite: MAT 098 with a grade of “C” or better or department approval. This
course introduces a current Object Oriented Programmer to the C# programming
language, a part of the Microsoft.NET platform. All programming elements of
the language are presented in a rapid survey of the language. Emphasis is upon
interfacing with databases and class design. The skills needed to write console appli-
cations, Windows applications, and beginning Internet applications are presented.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 212  CS II: ADVANCED PROGRAMMING IN C++ (CS 512)
Prerequisite: CMPSC 125 with a grade of C or better. The second in the sequence
of courses in C programming. Covers: design and implementation of large-scale
problems; abstract data types; data structures (files, sets, pointers, lists, stacks,
queues, trees, graphs); text processing; and an introduction to searching and
sorting algorithms.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 215  COBOL AS A SECOND LANGUAGE  4 HRS. (OC)
Prerequisite: CMPSC 124 or 125 with a grade of “C” or better or departmental
approval. This course is an introductory COBOL course which builds on prior
programming experience. Structured programming design, implementation, testing,
documentation using COBOL, arrays, records, string processing, and files are
covered. Sorting and searching techniques and interactive programming will also
be introduced. Specifically, direct access file techniques, master file update, and
control break logic are covered. Program linkage and parameter processing are
also introduced.
Lecture Hours: 3 Laboratory Hours: 2

CMPSC 224  ADVANCED VISUAL BASIC  3 HRS. (OC)
Prerequisite: CMPSC 124 with a grade of “C” or better. This second course in the
event-driven programming sequence of Visual Basic will introduce the student to
additional real world applications for the world’s most widely used operating system,
Microsoft Windows. The student will build and hone first semester skills, along with
becoming familiar with object linking and embedding (OLE), ActiveX controls,
collections, fundamental database concepts, database manipulation, Windows API
and Registry manipulation, and Internet controls. Concentration will be on
writing well-planned and user-friendly applications for business.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 235  CS II: ADVANCED PROGRAMMING IN JAVA  3 HRS. (TC)
Prerequisite: CMPSC 135 with a grade of “C” or better or department approval.
The second in the sequence of courses in Java Programming. Covers: design
and implementation of large-scale problems; abstract data types; data
structures (files, sets, pointers, lists, stacks, queues, trees, graphs); text processing;
and an introduction to searching and sorting algorithms.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 245  STRUCTURED QUERY LANGUAGE  3 HRS. (OC)
Prerequisite: CMPSC 140 with a grade of “C” or better or department approval.
This course covers programming in the Structured Query Language. Students are taught
to create and maintain database objects and to store, retrieve, and manipulate data.
In addition, students learn to create blocks of application code that can be shared
by multiple forms, reports, and data management applications. The student will
learn how to write and apply triggers, procedures, and packages. Demonstrations
and hands-on practice reinforce the fundamental concepts.
Lecture Hours: 2 Laboratory Hours: 2

CMPSC 249  UNIX  3 HRS. (OC)
The course is an introduction to UNIX. File handling, text editors and shell
programming are discussed.
Lecture Hours: 2 Laboratory Hours: 2
CMSP 251  UNIX SYSTEM ADMINISTRATION  3 HRS. (OC)
Prerequisite: CMSP 249 with a grade of "C" or better or comparable knowledge of
UNIX. This course teaches methods for managing the tasks associated with
operating a UNIX system. Basic administration issues, network handling concepts
and security issues are discussed.
Lecture Hours: 2 Laboratory Hours: 2

CMSP 265  DATABASE ADMINISTRATION  3 HRS. (OC)
Prerequisite: CMSP 245 or CMNIN 210 with a grade of "C" or better or depart-
ment approval. This course is designed to give the database administrator (DBA) a
firm foundation in basic administrative tasks and provide the necessary knowledge
and skills to set up, maintain, and troubleshoot a relational database. The student
learns to use an administration tool to startup and shutdown a database, create a
database, manage file and database storage, and manage users and their privile-
leges. In addition, the student learns to organize the database and to move data into
and between databases under different environments. Hands-on practices
help to reinforce key concepts.
Lecture Hours: 2 Laboratory Hours: 2

CMSP 270  STRUCTURED SYSTEM ANALYSIS  3 HRS. (OC)
Prerequisite: CMSP 215, 212 or 224 with a grade of "C" or better or department
approval. This course presents to the student the SDLC, System Development Life
Cycle, as the basis for the development of computer systems. Various analysis tools
will be taught to aid students in the preparal ion of all aspects of system development.
Lecture Hours: 2 Laboratory Hours: 2

Crime Scene Technology
CST 255  INDEPENDENT STUDY  1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the student the opportunity
to work on a technical project, research, or other specialized study related to individ-
ual academic needs. A written plan for the independent-study project is developed
with a faculty member (including a detailed description of the project, the number
of credit hours assigned to it, the evaluative criteria to be used, and other relevant
matters), and the project is carried out under the periodic direction of the faculty
member. The written plan is submitted to the dean/associate dean for approval
and remains on file within the department, together with a final written report submitted
to the faculty member by the student.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Criminal Justice
CRJ 110  INTRODUCTION TO THE CRIMINAL JUSTICE SYSTEM (CRJ 901)  3 HRS. (TC)
This course is a survey and analysis of the criminal justice system, including a
historical and philosophical overview of its development, with special emphasis on
the system's components and the relationship among those components in the
administration of criminal justice in America.
Lecture Hours: 5 Laboratory Hours: 0

CRJ 111  SELECTED TOPICS  1-3 HRS. (TC)
The content of this course varies from offering to offering to meet the changing
needs of students. The focus may be on topics of contemporary interest or topics more
fully than can be addressed in survey courses. Each offering will present a unique investigation of a
topic in criminal justice. This course is repeatable if the topic and content are differ-
ent up to a maximum of three semester hours of credit. The duration of the course
will depend upon the topic to be covered.
Lecture Hours: 1 - 3 Laboratory Hours: 0

CRJ 112  POLICE OPERATIONS  3 HRS. (TC)
This course is designed to acquaint the student with the basic services that are provided
by police departments stressing the role and responsibility of the police in the
prevention and control of adult crime.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 113  INTRODUCTION TO HOMELAND SECURITY  3 HRS. (OC)
This course is intended to provide a comprehensive overview of the issues, concepts, and
responses related to homeland security. Students will examine threats to homeland security, including threats of international and domestic
terrorism, weapons of mass destruction, and natural and technological disasters. Students will review the roles and responsibilities of government agencies and the
relation and effect of government response on private entities and individual citizens
during a homeland security crisis scenario.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 114  INTRODUCTION TO CORRECTIONS (CRJ 911)  3 HRS. (TC)
This course provides a basis to understanding the correctional system for those
intending to pursue careers in the field of corrections or law enforcement. The
course includes historical development, philosophy and variety of correctional
methods. Included are institutional and post institutional techniques, probation
and parole.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 118  JUVENILE DELinquency (CRJ 914)  3 HRS. (TC)
This course covers the history and philosophies of society's reactions to juvenile
behavior and problems. Interaction among the police, judiciary, and corrections are
examined in the context of cultural influences. Theoretical perspectives of causation
and control are examined.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 119  CORRECTIONAL LAW  3 HRS. (TC)
This course covers legal issues in institutional and community-based correctional
settings with emphasis on the development of strategies to limit legal liabilities of
agencies and personnel.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 121  PROFESSIONAL STANDARDS IN CRIMINAL JUSTICE  3 HRS. (TC)
Prerequisite: CRJ 110 with a grade of "C" or better. This course provides a traditional
and multimedia exploration of the field of criminal justice ethics and professional
standards. This course broadly encompasses the history of justice, theories of
morality, and police ethics from antiquity to the present. Five areas of ethical decision
making opportunities are studied in this course: law enforcement ethics and profes-
sional standards, legal profession ethics, correctional ethics and policy making
ethics, forensics issues that relate specifically to the criminal justice system. The
course will also cover topical studies and take advantage of current news stories
as an opportunity to explore moral mistakes and triumphs in modern life in criminal
justice. This will enable students to explore their own ethical and moral systems and
how they make ethical/moral decisions.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 122  UNDERSTANDING TERRORISM  3 HRS. (TC)
This course covers terrorist activities aimed at achieving radical changes around
the world with violence. Topics include the identification of terrorist groups who are
willing to kill innocent people by the use of explosives, weapons, and other violent
means; and the action by governments to counter terrorism. Upon completion, the
student will have a good understanding of terrorism around the world.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CRJ 124  SECURITY FIREARMS CERTIFICATION  1 HR. (BEC)
Prerequisite: Possession of a valid Illinois Firearms Owners Identification Card and a
valid Permanent Employee Registration Card. This course provides the student
with training in the safe handling of firearms including; storage, cleaning and firing.
Illinois law on possession, use and storage of weapons, as well as the law of self-
defense are covered in the course. The course includes classroom instruction and
instruction on the firing range. A weapon and ammunition will be provided.
Lecture Hours: 0.5 Laboratory Hours: 1.0 or equivalent

CRJ 130  INTRODUCTION TO INVESTIGATION  3 HRS. (TC)
This course is designed to examine the techniques and problems involved in
investigation of criminal cases. It includes theory and techniques of investigation,
the questioning of witnesses and suspects, procedural problems involved in
investigation, the collection and presentation of evidence, and preparation of cases.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CRJ 165  COMMUNITY-BASED CORRECTIONS  3 HRS. (OC)
This course is an introduction to the types of services, administrative organizations,
investigations and supervision of parole and probation within the legal structures of
society. Also included are terms and conditions, modifications and revisions of pro-
bation. The role and responsibilities of probation and parole officers will be discussed.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CRJ 180  D.A.R.E. OFFICER TRAINING  5 HRS. (OC)
Prerequisite: Department approval. This course presents law enforcement officers
who have been selected by their agencies to conduct this training with the Drug
Abuse Resistance Education (D.A.R.E.) curriculum and with the methods to instruct
elementary and middle school students. Enrollment in the course is limited to law
enforcement officers who have been approved by D.A.R.E. America to receive this
training.
Lecture Hours: 5 Laboratory Hours: 0 or equivalent

CRJ 190  9-1-1 TELECOMMUNICATOR I  3 HRS. (OC)
This course covers the fundamentals of calling-taking and dispatching emergency
calls, specifically for the police, fire and emergency medical service (EMS) depart-
ments. Lecture Hours: 3 Laboratory Hours: 0

CRJ 191  9-1-1 TELECOMMUNICATOR II  3 HRS. (OC)
Prerequisite: CRJ 190 with a grade of "C" or better. This course covers the funda-
mentals of calling- taking and dispatching emergency calls, specifically for the police,
fire, and emergency medical service (EMS) departments, Part II.
Lecture Hours: 3 Laboratory Hours: 0
CRJ 201 INTERNSHIP IN CRIMINAL JUSTICE 3 HRS. (OC)
Prerequisite: CRJ 110 and CRJ 225 both with a grade of “C” or better. This course is
designed to give the trainee field experience in field work by actually participating
as a “cadet” while engaged in on-the-job training with experienced criminal justice
personnel. The student will also do individual research and study in the student’s
field of interest as approved and directed by the instructor.
Lecture Hours: 1 Laboratory Hours: 10 or equivalent

CRJ 225 CRIMINAL LAW 3 HRS. (TC)
Prerequisite: CRJ 110 or PRJ 110 with a grade of “C” or better or department
approval. This course is concerned with the components, purposes and functions
of criminal law. Included in this course is a study of criminal liability, including
the elements of various offenses and the rules of evidence.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 226 CRIMINAL LAW AND PROCEDURE 3 HRS. (TC)
Prerequisite: CRJ 110 or PRJ 110 with a grade of “C” or better or department
approval. This course covers current Illinois criminal law and procedure including
the law of arrest, search and seizure, and interview and interrogation. Civil liability
of law enforcement personnel is discussed.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 227 ADMINISTRATION OF JUSTICE 3 HRS. (TC)
Prerequisite: CRJ 110 or PRJ 110 with a grade “C” or better or department
approval. This course is designed to acquaint the student with the legal principles
applicable to important criminal procedures that involve force, arrest, search and
seizure, civil rights, self-incrimination, assistance of counsel and other aspects of
Constitutional Law affecting law enforcement officers.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 230 COURT PROCEDURES AND EVIDENCE 3 HRS. (TC)
Prerequisite: CRJ 110 or PRJ 110 with a grade “C” or better or department
approval. This course is designed to acquaint the student with the kinds of evidence
and the rules governing the admissibility of evidence in court, including the effect
of court decisions on the acquisition and admissibility of evidence, criminal procedural
steps from court to conviction, and acquittal or dismissal.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 250 POLICE ORGANIZATION AND ADMINISTRATION 3 HRS. (OC)
This course is designed to acquaint the student with basic management and
leadership skills as they pertain to professional police management.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 252 CORRECTIONAL ADMINISTRATION 3 HRS. (OC)
This course covers both the theory and practice of managing a correctional facility.
The course covers the role of correctional administrators and the challenges that
they face in establishing policies and procedures for their institutions.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

CRJ 255 INDEPENDENT STUDY 1 HR. (OC)
Prerequisite: Department approval. This course provides the student the opportunity
to work on a technical project, research, or other specialized study related to individ-
ual academic needs. A written plan for the independent study project is developed
with a faculty member (including a detailed description of the project, the number
of credit hours assigned to it, the evaluative criteria to be used, and other relevant
matters), and the project is carried out during the period of direction of the faculty
member. The written plan is submitted to the dean/associate dean for approval and
remains on file within the department, together with a final written report submitted
to the faculty member by the student.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

CRJ 282 SECURITY MANAGEMENT 3 HRS. (TC)
This course presents students with the principles of management applied to a
security setting. Topics included in the course are planning, budgeting, personnel
management, training, and organizing.
Lecture Hours: 3 Laboratory Hours: 0

CRJ 283 EMERGENCY MANAGEMENT 3 HRS. (OC)
This course focuses on the elements of the emergency management process
applied to disasters. Topics included in this course are incident command, risks,
hazards, impact studies, and simulations.
Lecture Hours: 3 Laboratory Hours: 0

Culinary Arts

CA 150 PROFESSIONAL COOKING 3 HRS. (OC)
This course is a study of the fundamental elements of the foodservice industry,
including terminology, equipment identification and usage, information regarding
styles of foods and trends in the industry, communication skills, and basic
preparation techniques.
Lecture Hours: 2 Laboratory Hours: 3

CA 151 ADVANCED SANITATION AND SAFETY 3 HRS. (OC)
This course is a study of the fundamental elements of safety and sanitation within
both the commercial and non-commercial food service establishment. It prepares
the student to successfully pass the Illinois State Sanitation Certification examina-
tion. The development of safe and sanitary working practices needed by each food
service worker is stressed.
Lecture Hours: 3 Laboratory Hours: 3

CA 153 BAKING 3 HRS. (OC)
Prerequisite: CA 150 with a grade of “C” or better. This course introduces students
to the fundamental elements of baking and leavening agents. As a portion of the
labouratory experience, the student will produce baked items such as quick breads,
biscuits, muffins, cookies, doughnuts, fritters, lean breads and a wide variety of
pies. This is the first of two courses that focus on baking.
Lecture Hours: 2 Laboratory Hours: 3

CA 155 MEAT, POULTRY AND FISH 3 HRS. (OC)
Prerequisite: CA 150. This course focuses on the identification of wholesale and
fabricated cuts of beef, pork, veal and lamb and the recognition of various types of
poultry and fish. It includes the study of the fundamental principles regarding meat,
poultry and fish preparation.
Lecture Hours: 2 Laboratory Hours: 3

CA 156 SAUCES 3 HRS. (OC)
Prerequisite: CA 150 and CA 155. This course gives a general overview of the
history of sauce making and an in-depth study of the classical and contemporary
techniques used in sauce preparation. Students will develop and apply skills in
preparation of sauces, ranging from the classical leading sauces to contemporary
sauces and coulis.
Lecture Hours: 2 Laboratory Hours: 3

CA 157 GARDE MANGER 3 HRS. (OC)
Prerequisite: CA 150, 153 and 155. This course is a basic overview of the history
of Garde Manger. Students will develop and apply knowledge and skills in the
preparation of cold sauces and soups, salads, sandwiches and the wholesome and
sanitary preparation of sausage, terrines, cured and smoked meats and cheese.
Lecture Hours: 2 Laboratory Hours: 3

CA 175 TOPICS IN CULINARY ARTS 3 HRS. (OC)
Prerequisite: Department approval. This course delves into specific topics of cul-
ninary interest. It perpetuates a deeper understanding of techniques and principles
involved in specialized areas of Culinary Arts such as chocolates, cuisine of the
Mediterranean, sausage making, or petit four and French pastries.
Lecture Hours: 2 Laboratory Hours: 3

CA 211 FOODSERVICE MARKETING 3 HRS. (OC)
This course is a study of the principles of food service marketing and its core
concepts. This course prepares the student to identify the relationships between
customer’s value, satisfaction and quality.
Lecture Hours: 3 Laboratory Hours: 0

CA 212 FOODSERVICE COST CONTROL 4 HRS. (TC)
Prerequisite: BUS 120. This course is the study of the fundamental principles of
understanding and managing the costs associated with operating a foodservice
business. This course will supply the tools required to maintain sales and cost
histories and to develop systems for monitoring current and future activities.
Lecture Hours: 4 Laboratory Hours: 0

CA 213 BEVERAGE MANAGEMENT 3 HRS. (OC)
This course is a study of the fundamental principles of creating a bar business.
This course will supply the tools required to identify wines, spirits and beers and
how to provide service of these beverages.
Lecture Hours: 3 Laboratory Hours: 0

CA 214 FRONT OF THE HOUSE 2 HRS. (OC)
This course focuses on the nine basic principles of service. Emphasis is on a style
of professionalism that enhances the entire industry and emphasis is given to
generous and cordial reception of guests.
Lecture Hours: 1 Laboratory Hours: 2

CA 215 FOODSERVICE NUTRITION AND MENU PLANNING 3 HRS. (TC)
This course is the study of the basic principles of nutrition and the nutrient content
of foods. Emphasis is placed on menu planning, recipe development and effective
ways to communicate and market nutrition.
Lecture Hours: 3 Laboratory Hours: 0

CA 217 INTRODUCTION TO CATERING 3 HRS. (OC)
This course is a study of catering, banquet and other specialty service in the food-
service industry. The course will emphasize the planning, organizing and controlling
in the catering business.
Lecture Hours: 3 Laboratory Hours: 0
CA 220  ADVANCED PROFESSIONAL COOKING  3 HRS. (OC)
Prerequisite: CA 151, 157, 215, and 253. This course is designed for students who have proficiency in all basic skills and knowledge of culinary arts. It emphasizes intermediate methods and techniques of culinary arts, with a concentration on regional American cuisine and international cuisine. It examines various cultures and their traditional food habits to develop a better understanding of the many cultures in America and how these cultures and cuisines have influenced American cuisine and the foodservice industry today.
Lecture Hours: 0 Laboratory Hours: 20 or equivalent

CA 225  INTERNSHIP IN CULINARY ARTS  3 HRS. (OC)
Prerequisite: Department approval. This course applies principles of culinary arts management during the supervised experience in a variety of foodservice institutions.
Lecture Hours: 2 Laboratory Hours: 3

CA 253  ADVANCED BAKING  3 HRS. (OC)
Prerequisite: CA 153 with a grade of "C" or better. This course is a study of the advanced principles of baking, leavening agents, and yeast dough production.
The production of lean and rich yeast breads, Danish pastries, puff pastries, cakes, tarts, specialty cakes, gateaux, and tortes.
Lecture Hours: 2 Laboratory Hours: 3

Dance

DANCE 110  BEGINNING TECHNIQUES OF CLASSICAL BALLET  2 HRS. (TC)
This course is an introduction to the fundamentals of the art of ballet for students who have little or no previous experience. It covers basic barre exercises, center floor exercise, dance combinations and ballet terminology, with emphasis on body placement.
Lecture Hours: 1 Laboratory Hours: 2

DANCE 115  APPRECIATION OF DANCE (F1 906 )  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a study of dance forms from primitive times to the present. It compares ancient and modern dance forms and examines the contributions of individual dancers, dance companies, and choreographers to cultural heritage.
Lecture Hours: 3 Laboratory Hours: 0

DANCE 120  INTERMEDIATE TECHNIQUES OF CLASSICAL BALLET  2 HRS. (TC)
Prerequisite: DANCE 110 with a grade of "C" or better. This course is a continuation of beginning ballet techniques with concentration placed on center floor work, development of movement patterns and allegro combinations.
Lecture Hours: 1 Laboratory Hours: 2

DANCE 130  JAZZ DANCE I  1 HR. (TC)
This course is an introduction to the fundamental technique of jazz dance for students who have had little or no previous training. It covers warmups, barre and center technique, simple turns, leaps, and combinations emphasizing the use of the body's center.
Lecture Hours: 1 Laboratory Hours: 1

DANCE 131  JAZZ DANCE II  2 HRS. (TC)
Prerequisite: DANCE 130 or department approval. This course is a progressive development of fundamental jazz dance technique with concentration placed on center floor work, experiencing different styles of jazz, and culminating in a performance. One lecture and three laboratory hours per week.
Lecture Hours: 1 Laboratory Hours: 3

DANCE 140  MODERN DANCE I  1 HR. (TC)
This course gives instruction in dance as an activity based on the creative use of movement. Dance warmups, techniques of dance, dance patterns, analysis of rhythm, and simple dance compositions are emphasized.
Lecture Hours: 1 Laboratory Hours: 1

DANCE 141  MODERN DANCE II  2 HRS. (TC)
Prerequisite: DANCE 140 or department approval. This course is a continuation of Modern Dance I with a concentration on the differing modern dance forms, improvisation, and more complicated choreography culminating in a performance.
Lecture Hours: 1 Laboratory Hours: 3

DANCE 150  TAP DANCE I  1 HR. (TC)
This course is an introduction to the fundamental technique of tap dance for students who have had little or no previous training. It covers basic tap technique using different tempos and rhythms.
Lecture Hours: 1 Laboratory Hours: 1

DANCE 151  TAP DANCE II  2 HRS. (TC)
Prerequisite: DANCE 150 or department approval. This course is a progressive development of fundamental tap dance technique with concentration on time steps, close foot work, and the different styles of tap dance culminating in a performance.
Lecture Hours: 1 Laboratory Hours: 3

DANCE 210  ADVANCED TECHNIQUES OF CLASSICAL BALLET  2 HRS. (TC)
Prerequisite: DANCE 120 or audition. The student will learn advanced skills and techniques with emphasis on pure classical dance and performing experience. One lecture and three laboratory hours per week.
Lecture Hours: 1 Laboratory Hours: 3

DANCE 211  ADVANCED TECHNIQUES OF CLASSICAL BALLET II  2 HRS. (TC)
Prerequisite: DANCE 210. This class is the second semester of Advanced Techniques of Classical Ballet. The student will continue to work on learning advanced skills and techniques with emphasis on pure classical dance and performing experience. One lecture and three laboratory hours per week and other rehearsals as scheduled.
Lecture Hours: 1 Laboratory Hours: 3

Deconstruction

DECON 101  INTRODUCTION TO DECONSTRUCTION  1 HR. (OC)
This course will introduce the basic practice of building deconstruction and building materials (architectural and structural) salvage including key resources and considerations.
Lecture Hours: 1 Laboratory Hours: 0

DECON 102  DECONSTRUCTION METHODS AND MATERIALS  2 HRS. (OC)
This course will introduce typical residential and light commercial construction methods, structural systems and building material assemblies.
Lecture Hours: 1 Laboratory Hours: 2

DECON 103  PRINCIPLES OF DECONSTRUCTION ASSESSMENT  2 HRS. (OC)
Prerequisite: DECON 101 with a C" or better, and either DECON 102 with a "C" or better or ARCTK 203 with a "C" or better. This course will introduce the key components of site assessment, project planning and market considerations of building deconstruction and building material salvage.
Lecture Hours: 1 Laboratory Hours: 2

DECON 104  DECONSTRUCTION PROJECT  2 HRS. (OC)
Prerequisite: DECON 101 with a "C" or better, and either DECON 102 with a "C" or better or ARCTK 203 with a "C" or better. This course will provide hands-on deconstruction experience in the laboratory and/or in the field.
Lecture Hours: 0 Laboratory Hours: 6

Dental Hygiene

DHYGN 110  DENTAL SCIENCE I  3 HRS. (OC)
Prerequisite: Acceptance into the Dental Hygiene Program, BIOL 140 and CHEM 115, both with a grade of "C" or better or department approval. This course is a study of the anatomy of the head and neck with emphasis upon the maxilla and mandible. In addition, a study of the anatomy of the primary and permanent teeth and their supportive structure is undertaken.
Lecture Hours: 2 Laboratory Hours: 2

DHYGN 111  DENTAL SCIENCE II  3 HRS. (OC)
Prerequisite: DHYGN 110, 113, 115, 117 and BIOL 210, all with a grade of "C" or better, or department approval. This course is a basic introduction to embryology and histology followed by in-depth study of oral and facial development and dental histology.
Lecture Hours: 3 Laboratory Hours: 0

DHYGN 113  FUNDAMENTALS OF DENTAL HYGIENE AND INFECTION CONTROL  1.5 HRS. (OC)
Prerequisite: Acceptance into the Dental Hygiene Program, BIOL 140 and CHEM 115, both with a grade of "C" or better or department approval. This course will introduce students to the prevention of disease transmission in dentistry, dental equipment and maintenance, operator and patient positioning, diagnostic dental instruments, and dental charting. Student partners are used in the laboratory sessions.
Lecture Hours: 1 Laboratory Hours: 1

DHYGN 115  INTRODUCTION TO DENTAL HYGIENE  1 HR. (OC)
Prerequisite: Acceptance into the Dental Hygiene Program, BIOL 140 and CHEM 115, both with a grade of "C" or better or department approval. This course will familiarize the incoming student with the history and development of the dental hygiene profession. Students will also be acquainted with services available at ICC, procedures for obtaining a license in Illinois, self awareness, and basic dental terminology.
Lecture Hours: 1 Laboratory Hours: 0
DHYGN 117  DENTAL SPECIALTIES  1 HR. (OC)
Prerequisite: Acceptance into the Dental Hygiene Program, BIOL 140 and CHEM 115, both with a grade of "C" or better or department approval. This course is an overview of selected specialty areas in dentistry. Material relevant to informing patients of treatment options will be emphasized. The use of student partners will be utilized to demonstrate the usage of selected materials.
Lecture Hours: 1 Laboratory Hours: 0

DHYGN 131  INTRODUCTION TO DENTAL HYGIENE CLINICAL  2 HRS. (OC)
APPLICATIONS
Prerequisite: DHYGN 110, 113, 115, 117, BIOL 210, and FCS 110 (or concurrently), all with a grade of "C" or better or department approval. This course will introduce students to the study of dental deposits and their etiology in dental diseases, personal control of dental disease, periodontal charting, and the discussion of ancillary procedures, such as power-driven scalers and polishers, generalization patient assessment, appointment sequencing, and post-operative instruction.
Lecture Hours: 1 Laboratory Hours: 0

DHYGN 133  PRECLINICAL DENTAL HYGIENE  2 HRS. (OC)
Prerequisite: DHYGN 110, 113, 115, and 117, all with a grade of "C" or better, or department approval. This course is a continuation of instrumentation skills necessary for oral prophylaxis, aseptic procedures, and dental equipment care and maintenance. Student partners, mannequins, and selected patients are used in the laboratory to demonstrate instrumentation techniques.
Lecture Hours: 0 Laboratory Hours: 6

DHYGN 135  DENTAL RADIOL OGY  3 HRS. (OC)
Prerequisite: DHYGN 110, 113, 115, and 117, all with a grade of "C" or better, or department approval. This course is a comprehensive study of dental radiation physics, radiation hygiene practices, factors affecting radiographic quality, theory and practice of intraoral and panoramic radiographic techniques, interpretation of normal landmarks, abnormal conditions, and patient education. Laboratory practice on a teaching mannequin is followed by experience with selected patients.
Lecture Hours: 2 Laboratory Hours: 3

DHYGN 137  MEDICAL EMERGENCIES  1 HR. (OC)
Prerequisite: DHYGN 110, 113, 115, and 117, all with a grade of "C" or better, or department approval. This course is a study of recognition, evaluation, treatment, and prevention of medical emergency situations that may occur in dental office settings.
Lecture Hours: 1 Laboratory Hours: 0

DHYGN 139  SPECIAL POPULATIONS  1 HR. (OC)
Prerequisite: DHYGN 110, 113, 115, and 117, all with a grade of "C" or better, or department approval. Discussion in this course will focus on the signs and symptoms, as well as in-office and home care modifications that are associated with special needs patients, gerodontic, and pediatric patients.
Lecture Hours: 1 Laboratory Hours: 0

DHYGN 210  COMMUNITY DENTAL HEALTH  3 HRS. (OC)
Prerequisite: DHYGN 212, 220, 222, 230, and 243, all with a grade of "C" or better, or department approval. This course is a study of the dental hygienist's role in the promotion of oral health and prevention of oral disease in the community. The student will participate in community programs related to preventive dentistry.
Lecture Hours: 3 Laboratory Hours: 0

DHYGN 212  DENTAL MATERIALS  2 HRS. (OC)
Prerequisite: DHYGN 111, 131, 133, 135, 137, and 139, all with a grade of "C" or better, or department approval. This course is a study of the various materials utilized by general dentists. Manipulation of the various dental materials is done in the laboratory. The use of student partners will be utilized to demonstrate the usage of selected materials.
Lecture Hours: 1 Laboratory Hours: 2

DHYGN 220  NITROUS OXIDE ANALGESIA  0.5 HRS. (OC)
Prerequisite: DHYGN 110, 111, 131, 133, 135, 137, and 139, all with a grade of "C" or better, or department approval. This course is an introduction to anxiety and pain control using nitrous oxide/oxygen (N2O2) sedation in dental hygiene treatments. The use of student partners will be utilized to demonstrate the usage of selected materials.
Lecture Hours: 0.5 Laboratory Hours: 0.5 or equivalent

DHYGN 222  PREVENTIVE MODALITIES  3 HRS. (OC)
Prerequisite: DHYGN 111, 131, 133, 135, 137, 139, and FCS 110, all with a grade of "C" or better, or department approval. This course will provide students with the knowledge and skills dental hygienists need to utilize selective preventive materials, and to understand and implement nutritional assessment as it relates to oral health. Student partners are used in the laboratory sessions.
Lecture Hours: 2 Laboratory Hours: 2
DPET 130 PRINCIPLES OF INTERNAL COMBUSTION ENGINES 4 HRS. (OC)
Prerequisite: Department approval. This course will acquaint the student with internal combustion engines. Special emphasis is given to compression and carburation. A comprehensive study is made of each component and its function. Laboratory practices include dis-assembly, measurement of components, repair and reassembly of both single and multi-cylinder engines.
Lecture Hours: 2 Laboratory Hours: 6

DPET 132 ELECTRICAL SYSTEMS OF HEAVY EQUIPMENT 3 HRS. (OC)
Prerequisite: Department approval. This course teaches the basic principles of electricity and the application of these principles to heavy equipment. Major emphasis is placed on the application of these principles to realistic situations.
Lecture Hours: 2 Laboratory Hours: 3

DPET 133 ENGINE REBUILDING, THEORY AND PRACTICE 3 HRS. (OC)
Prerequisite: Department approval. This course covers valve servicing, cylinder reconditioning, bearing and seal installation and analysis of engine components. Opportunity for learning by doing will be available in this course.
Lecture Hours: 1.5 Laboratory Hours: 4.5

DPET 134 AIR CONDITIONING OF HEAVY EQUIPMENT 2 HRS. (OC)
Prerequisite: Department approval. This course covers basic air-conditioning systems used on heavy equipment. Emphasis is placed on servicing equipment, troubleshooting, adjusting and repairing the air conditioning system.
Lecture Hours: 1 Laboratory Hours: 3

DPET 229 HYDRAULICS 3 HRS. (OC)
Prerequisite: Department approval. This course is a practical study of basic principles and components of hydraulic circuits and the application of these principles to the agricultural and industrial construction equipment industry. Major emphasis is on developing student competencies in the areas of servicing and maintaining hydraulic equipment. Laboratory practices include dis-assembly and reassembly of components and circuits.
Lecture Hours: 2 Laboratory Hours: 3

DPET 230 HARVESTING EQUIPMENT 2 HRS. (OC)
Prerequisite: Department approval. This is a course to develop knowledge and skills necessary in adjustment, repair, and maintenance of harvesting equipment.
Lecture Hours: 1 Laboratory Hours: 3
**Drug and Alcohol Counselor Training**

**DACT 105**  
**INTRODUCTION TO SUBSTANCE ABUSE AND RECOVERY**  
Prerequisite: Department approval. In this course students will be introduced to basic concepts and issues in substance abuse/dependence, treatment, and recovery. The student will also learn about assessment regarding substance use disorders and gain information related to both professional and nonprofessional (eg; AA, NA) options and methods for recovery from substance use disorders.  
Lecture Hours: 3 Laboratory Hours: 0

**DACT 110**  
**FOUNDATIONS I**  
Prerequisite: Department approval. This course introduces the student to the history, modes, rules and regulations of alcohol and drug treatment. Specific topics of discussion will include evolution of response systems for treatment, delivery systems such as out-patient and residential treatment and accepted procedures for intake, discharge, confidentiality and client rights.  
Lecture Hours: 3 Laboratory Hours: 0

**DACT 111**  
**ADDICTION COUNSELING I**  
Prerequisite: Department approval. This course introduces the student to the clinical issues and strategies related to initial contacts with a client, preparation of the client for a successful treatment experience and the issues and concerns of the first phase of drug and alcohol treatment. Specific topics considered in this course include client screening, intake procedures, orientation procedures, assessment, treatment planning and modes of treatment.  
Lecture Hours: 3 Laboratory Hours: 0

**DACT 112**  
**FOUNDATIONS II**  
Prerequisite: DACT 110 and department approval. This course teaches students about psychoactive pharmacology, the signs and symptoms of drug and alcohol addiction and the major theoretical systems for understanding the effects of drugs on human behavior.  
Lecture Hours: 3 Laboratory Hours: 0

**DACT 113**  
**ADDICTION COUNSELING II**  
Prerequisite: DACT 111 and department approval. This course teaches the student about the core area skills of drug and alcohol counselor training. Those skills include case management, crisis intervention, client education, referral, recordkeeping, and consultation and professional networking.  
Lecture Hours: 3 Laboratory Hours: 0

**DACT 141**  
**SPECIAL TOPICS IN ADDICTIONS STUDIES**  
1 HR. (OC)  
Prerequisite: Department approval. This course explores major issues facing correctional employees in the realm of addictionology. Repeatable up to three times if the topic is different.  
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

**DACT 142**  
**CONTEMPORARY ISSUES: DRUGS AND ALCOHOL**  
2 HRS. (OC)  
Prerequisite: Department approval. This course will examine basic policy problems related to alcohol and drugs, including legislation, professionalism, education, training, literature and research, procedures, administration, and social problems.  
Lecture Hours: 2 Laboratory Hours: 0

**Earth Science**

**EASC 111**  
**SURVEY OF EARTH SCIENCE (P1 905L)**  
4 HRS. (TC)  
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an examination of the assumptions made of the elementary concepts of price determination, resource allocation, market structure, fiscal policy, monetary policy, and international trade policy. An examination is how the American economy works and the student's role in it.  
Lecture Hours: 3 Laboratory Hours: 1

**EASC 116**  
**INTRODUCTION TO GEOLOGY (P1 907L)**  
4 HRS. (TC)  
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an introduction for beginning students. It includes the study of earth materials, natural resources, geologic time, and the processes that shape our planet such as earthquakes, volcanic activity, weathering, rivers, glaciers, and more. Local and regional field trips are required.  
Lecture Hours: 3 Laboratory Hours: 2

**EASC 118**  
**INTRODUCTION TO WEATHER AND CLIMATE (P1 905L)**  
4 HRS. (TC)  
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course explores the basic understanding of the processes that produce our weather and climate. In addition to studying the elements of weather and climate – temperature, moisture, pressure, and wind – the course examines the causes for day-to-day weather changes, the nature of violent storms such as tornadoes and hurricanes, and surveys world climatic patterns. A study of air pollution and human impact on urban and global climates, as well as natural and unnatural causes of climate change are also included.  
Lecture Hours: 3 Laboratory Hours: 2

**EASC 250**  
**FIELD GEOLOGY (P1 907)**  
4 HRS. (TC)  
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course includes field studies of the geology of various regions of North America. Stress is placed on the geologic history of the regions under investigation, and on the geologic and climatic processes which have shaped the physical landscape. Students are required to take exams, complete field exercises, record data in a field notebook, and submit a project that reviews the geology of the region. Students must be physically fit for camping and hiking. This course is often taught concurrently with BIOL 250. Ten hours of class presentation followed by three weeks of field study.  
Lecture Hours: 2 Laboratory Hours: 4

**Economics**

**ECON 105**  
**SURVEY OF ECONOMIC PRINCIPLES**  
3 HRS. (OC)  
Prerequisite: MAT 094 or equivalent. This course is designed to help the student understand how the American economy works and the student's role in it. An examination is made of the elementary concepts of price determination, resource allocation, market structure, fiscal policy, monetary policy, and international trade policy.  
Lecture Hours: 3 Laboratory Hours: 0

**ECON 110**  
**PRINCIPLES OF MACROECONOMICS (S3 901)**  
3 HRS. (TC)  
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an examination of the assumptions underlying the Classical and Keynesian economic theories. In addition, a thorough analysis is made of contemporary fiscal, monetary, and international trade theory.  
Lecture Hours: 3 Laboratory Hours: 0
ECON 111  PRINCIPLES OF MICROECONOMICS (S3 992)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and MAT 094 or equivalent. This course is a thorough analysis of price determination and resource allocation under the major market structures of American capitalism. Market structures are examined from the standpoint of economic efficiency and societal welfare.
Lecture Hours: 3 Laboratory Hours: 0

Education
EDUC 111  INTRODUCTION TO AMERICAN EDUCATION  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. An introduction to the field of American education, this course will cover history, philosophy, financing, legal aspects, and current issues of American education. Students will be given a general overview of how American schools came to be and how they function today. They will be introduced to the Illinois Professional Teaching Standards. Students will participate in a minimum of 15 documented clinical experiences involving observation of child learners and practitioners at work, according to specified guidelines.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

EDUC 211  INTRODUCTION TO THE EXCEPTIONAL INDIVIDUAL 3 HRS. (TC)
Prerequisite: EDUC 111 and either PSY 110 or CHILD 120. This course is an overview and orientation to the field of special education. The student studies the characteristics and educational provisions for exceptional individuals: children and adolescents with visual or hearing impairments; communication disorders; health impairments; learning disabilities; mental retardation; behavior disorders; gifted and talented abilities; pervasive developmental disorders; multiple and severe disorders, and at-risk behaviors.
Lecture Hours: 3 Laboratory Hours: 0

EDUC 212  FIELD EXPERIENCE IN EDUCATION  2 HRS. (TC)
Prerequisite: EDUC 111. This course is designed to provide the student with practical experience in the public/private schools and/or other educational agencies under the supervision of competent professional educators. The course is aligned with the Illinois Professional Teaching Standards and emphasizes the communication, responsibility, and collaboration dispositions needed for teaching. Usually taught in one-half school day per week in the field and two, two-hour classes per month.
Lecture Hours: 1 Laboratory Hours: 3

EDUC 250  PARAEUCATOR PRACTICUM INTERNSHIP  4 HRS. (OC)
Prerequisite: EDUC 111, 112, and 211 or department approval. This course is both the study and application of principles and techniques a paraeducator will use to meet student needs in today's elementary and secondary schools.
Lecture Hours: 2 Laboratory Hours: 10 or equivalent

Electronics Servicing
ELCTS 131  INTRODUCTION TO BASIC ELECTRICITY  2 HRS. (OC)
Prerequisite: MAT 106 or higher. This course is designed to give the student the basic computational and laboratory skills needed for further study in electronics. The student will develop the necessary skills while learning the fundamental principles and terminology of the fields of electricity and electronics.
Lecture Hours: 1 Laboratory Hours: 3

ELCTS 132  SERVICE ELECTRONICS - D.C. CIRCUITS  2 HRS. (OC)
Prerequisite: MAT 106 or higher. This study lays the foundation for all of the electronics with the study of Ohm’s Law and its application to D.C. circuits. Major topics include: Ohm’s Law, series circuits, parallel circuits, combination circuits, Kirchoff’s Laws, and power relationships. Major emphasis is placed on hands-on laboratory experimentation.
Lecture Hours: 1 Laboratory Hours: 3

ELCTS 133  SERVICE ELECTRONICS - A.C. CIRCUITS  2 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in ELCTS 132. This course builds on the foundation established in ELCTS 132, and includes the analysis and application of A.C. circuits. Topics include alternating current and voltage, capacitance, inductance, series, parallel and complex circuits as well as phasor concepts applied to A.C. circuits. Three phase industrial power is also introduced in this principles course.
Lecture Hours: 1 Laboratory Hours: 3

ELCTS 134  SERVICE ELECTRONICS - BASIC SOLID STATE  2 HRS. (OC)
Prerequisite: ELCTS 133. This course introduces the student to basic solid state devices and circuits, including common applications of diodes and transistors. Laboratory activities will further develop the student's ability to analyze circuit performance by using modern test equipment.
Lecture Hours: 1 Laboratory Hours: 3

ELCTS 135  SERVICE ELECTRONICS - ADVANCED SOLID STATE  2 HRS. (OC)
Prerequisite: ELCTS 134. This course is a continuation of ELCTS 134. It uses the principles of that course and applies them to power supplies (including filtering), power amplifiers, linear integrated circuits (operational amplifiers and hybrid I.C.s) and an introduction to solid state control used for motors, relays and the silicon controlled rectifier.
Lecture Hours: 1 Laboratory Hours: 3

ELCTS 136  SERVICE ELECTRONICS - DIGITAL CIRCUITS  2 HRS. (OC)
Prerequisite: ELCTS 131, ELCTS 132, and ELCTS 133 all with a grade of “C” or better. This course is designed to teach the student the fundamentals of digital circuits. A wide range of digital circuits and systems will be presented and the student will learn to analyze and troubleshoot them.
Lecture Hours: 1 Laboratory Hours: 3

Electronics Technology
ELCTK 007  BASIC HOUSE WIRING  2 HRS. (GSC)
This course is intended to acquaint the student with basic fundamentals of household wiring. Included will be selected topics on electricity including: mapping an electrical system, wires and conduit, switching, switches, substituting new plugs and receptacles for old ones, installing new wiring (both indoors and outdoors), and how to check your work. Students will repair and install basic electrical devices under an instructor's supervision.
Lecture Hours: 1 Laboratory Hours: 2 or equivalent

ELCTK 111  RESIDENTIAL AND COMMERCIAL WIRING  2 HRS. (OC)
This course is intended to acquaint the student with the fundamentals of residential and commercial wiring. Selected topics will be covered including: mapping an electrical system, wires and conduit, switching, switches, substituting new plugs and receptacles for old ones, installing new wiring (both indoors and outdoors), and how to check the work. Students will repair and install basic electrical devices under the instructor's supervision.
Lecture Hours: 1 Laboratory Hours: 2 or equivalent

ELCTK 112  ELECTRONIC CAD APPLICATIONS I  2 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in ELCTS 135 and ELCTS 136. This course teaches the student to use a variety of computer programs to analyze the operation of both digital and analog electronic circuits. The students will predict the performance of various circuits using analysis programs similar to those used in industry and will build and test the circuits to measure the actual performance.
Both special purpose and general purpose analysis programs will be used.
Lecture Hours: 1 Laboratory Hours: 3

ELCTK 117  ELECTRONIC SYSTEMS TROUBLESHOOTING  4 HRS. (OC)
Prerequisite: ELCTK 150 with a grade of “C” or better. In this course, basic troubleshooting procedures are reviewed and built upon to provide the student with an effective troubleshooting technique. The students discuss in class examples of actual malfunctions encountered in electronic systems.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 145  FUNDAMENTAL DIGITAL ELECTRONICS  4 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in MAT 106 or higher. This course deals with the fundamental building blocks of digital electronics and virtually the entire course revolves around integrated circuit micro-electronics. Topics included range from AND, OR, NAND and NOR GATES, on the outside to RAMS, registers, and arithmetic logic units at the end.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 150  INDUSTRIAL ELECTRICITY  4 HRS. (OC)
Prerequisite: ELCTS 133 with a grade of “C” or better. This course introduces the student to basic motors and motor control theory. Topics include National Electrical Code, test equipment, print reading, over current protection, magnetic and ladder devices, D.C. motors and generators, and A.C. motors and generators.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 151  ELECTRICAL SYSTEMS TROUBLESHOOTING  3 HRS. (OC)
Prerequisite: ELCTK 150 with a grade of “C” or better. This course introduces the student to the methods and equipment used to maintain, troubleshoot and repair industrial electrical systems. Topics include the effective use of test equipment, various approaches to troubleshooting electrical systems, a review of electrical motor theory, and preventive maintenance of electrical systems. Applicable portions of the National Electrical Code are included. Safe work habits are emphasized throughout the course.
Lecture Hours: 1 Laboratory Hours: 6
ELCTK 201 INTERNESHIP IN ELECTRONICS 3 HRS. (OC)
Prerequisite: Department approval. This course is designed to provide the intern experience in a chosen field of interest under the direct supervision of an engineering/ maintenance supervisor while engaged in on-the-job training. The student will share those field experiences with fellow students, maintain daily records, and give individual research and study on an approved topic. Two lecture and sixteen intern hours (clock) minimum per week or equivalent (summer schedule - eight weeks).
Lecture Hours: 2 Laboratory Hours: 16 or equivalent

ELCTK 202 INDUSTRIAL ELECTRONICS 3 HRS. (OC)
Prerequisite: Department approval. This course familiarizes the student with rotating machinery found in present day industry and the necessary electronic equipment to maintain control over it. The students will also analyze process control circuits to the extent necessary to repair them.
Lecture Hours: 2 Laboratory Hours: 3

ELCTK 215 PROGRAMMABLE CONTROLLERS 4 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in ELCTK 151. This course is designed to give the student basic knowledge of Programmable Logic Controller (PLC) concepts and applications. Major emphasis is applied to I/O addressing, software instructions, and troubleshooting a PLC managed system.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 220 TRANSDUCERS AND ELECTRONIC INSTRUMENTS 4 HRS. (OC)
Prerequisite: ELCTS 135 and credit or concurrent enrollment in PHYS 112. This course will provide the student the opportunity to become proficient in the selection and use of transducers and instrumentation. The student is required to solve associated instrumentation problems similar to those found in industry. Equipment used includes electronic counters, digital voltmeters, function generators, oscilloscopes, and computer-based data acquisition. A special emphasis will be placed on practical, hands-on experience in the laboratory.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 230 ADVANCED SOLID STATE ELECTRONICS 3 HRS. (OC)
Prerequisite: ELCTK 220 and ELCTK 245 both with a grade of “C” or better. This course includes solid state circuit applications to process control systems. The emphasis is on a quantitative approach to system design, analysis, and troubleshooting. The course includes both analog and digital process control systems and circuits.
Lecture Hours: 2 Laboratory Hours: 3

ELCTK 231 INDUSTRIAL ELECTRONICS 4 HRS. (OC)
Prerequisite: ELCTK 151, ELCTK 215, and ELCTK 245, all with a grade of “C” or better. This course introduces the student to the application of modern solid state electronics to industrial systems. Topics include A.C., D.C., and servo drives and controllers of various types and their use in machine control and numerical control systems.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 232 ELECTRONICS SYSTEMS TROUBLESHOOTING 3 HRS. (OC)
Prerequisite: ELCTK 215 with a grade of “C” or better. This course introduces the student to the methodology used to maintain, troubleshoot, and repair industrial electronic systems. Topics include the effective use of test equipment, various approaches to troubleshooting electronic systems, and the proper adjustment and calibration of such systems. Emphasis is on solid state drive, control, and instrumentation systems. Safe work habits are emphasized throughout the course.
Lecture Hours: 1 Laboratory Hours: 6

ELCTK 245 MICROPROCESSORS AND MICROCONTROLLERS 4 HRS. (OC)
Prerequisite: ELCTS 135 and ELCTS 136 both with a grade of “C” or better. This course will introduce the student to the organization of data flow within a digital computer. The student will use a basic instruction set to demonstrate data transfer, basic logic, and arithmetic functions performed by a computer. The major emphasis will be on microcontrollers and their application to control and interfacing.
Lecture Hours: 3 Laboratory Hours: 3

ELCTK 246 MICROCONTROLLER SYSTEMS AND APPLICATIONS 3 HRS. (OC)
Prerequisite: ELCTK 245 with a grade of “C” or better. This course is designed to extend the student’s ability to analyze, develop, and troubleshoot microprocessor-based systems. Major topics include: advanced microprocessor architecture and instruction sets, the development of microprocessor-based systems, peripheral interfacing (both devices and systems), data communication standards, and C language and assembly language application programming.
Lecture Hours: 2 Laboratory Hours: 3

ELCTK 250 ELECTRONIC COMMUNICATIONS 3 HRS. (OC)
Prerequisite: ELCTS 135 and ELCTS 136 both with a grade of “C” or better. This course will study the methods of transmitting and receiving information. The course will include a study of the spectrum of these signals, circuits used in transmitters and receivers, transmission lines, and antennas.
Lecture Hours: 2 Laboratory Hours: 3

ELCTK 255 INDEPENDENT STUDY 1-5 HRS. (OC)
Prerequisite: ELCTK 245 and ENGL 201 both with a grade of “C” or better, or department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Emergency Medical Technician

EMS 114 EMERGENCY MEDICAL TECHNICIAN (EMT) 8 HRS. (OC)
Prerequisite: COMPASS Reading score of 72 or higher; department approval and high school graduate or equivalent. This course is designed to prepare the student to function as an Emergency Medical Technician-Basic (EMT-B). Instruction in the roles and responsibilities of the EMT-Basic, the emergency medical services system, as well as the medical/legal aspects of providing emergency care will be provided. An overview of the human body, vital signs, the patient assessment process, oxygen therapy, airway management and general pharmacology will also be provided.
Lecture Hours: 7 Laboratory Hours: 3 or equivalent

EMT 110 EMERGENCY MEDICAL TECHNICIAN - BASIC I 3 HRS. (OC)
Prerequisite: Department approval and high school graduate or equivalent. This course is the first of two designed to prepare the student to function as an Emergency Medical Technician-Basic (EMT-B). Emphasis is on the assessment and treatment of medical emergencies such as heart attack and stroke, environmental emergencies, and assessment and treatment of special situations such as obstetrics and pediatrics. Ambulance operations and auto extrication are also discussed.
Lecture Hours: 3 Laboratory Hours: 0

EMT 111 EMERGENCY MEDICAL TECHNICIAN - BASIC II 3 HRS. (OC)
Prerequisite: Completion of EMT 110 with a grade of “C” or better, and department approval. This course is a continuation of Emergency Medical Technician-Basic I focusing on increasing knowledge and competency of personnel involved in administering emergency medical care. Emphasis is on the assessment and treatment of medical emergencies such as heart attack and stroke, environmental emergencies, and assessment and treatment of special situations such as obstetrics and pediatrics. Ambulance operations and auto extrication are also discussed.
Upon successful completion of EMT 110 and 111, students may apply to take the Illinois Department of Public Health or National Registry of Emergency Medical Technicians EMT-Basic license exam.
Lecture Hours: 3 Laboratory Hours: 0

EMT 115 TRAUMA LIFE SUPPORT 1 HR. (OC)
Prerequisite: Current State of Illinois or National Registry of Emergency Medical Technician-Basic, Intermediate, or Paramedic license or equivalent; department approval. This course is designed to enhance and build on the student’s existing knowledge and training in the treatment of a trauma victim. Emphasis will be placed on patient assessment and management. Course topics include rapid assessment, resuscitation, stabilization and transportation of trauma victims. Students successfully completing the course will earn certification in trauma life support by an accredited certifying agency.
Lecture Hours: 1 Laboratory Hours: 0.5 or equivalent

EMT 118 PEDIATRIC EDUCATION FOR PRE-HOSPITAL PROVIDERS (PEPP)
Prerequisite: Current State of Illinois or National Registry of Emergency Medical Technician-Basic, Intermediate, or Paramedic license or equivalent; department approval. This course is designed to teach pre-hospital providers how to better assess and manage the ill or injured pediatric patient. Instruction will focus on child and family interaction and communication, assessment and treatment of medical and traumatic emergencies, and stabilization and transport of the patient. Students successfully completing the course will be issued a PEPP course completion card through the American Academy of Pediatrics (AAP).
Lecture Hours: 1 Laboratory Hours: 0.5

EMT 120 EMERGENCY MEDICAL TECHNICIAN - BASIC PRACTICUM
Prerequisite: EMT 111 or equivalent; current State of Illinois Emergency Medical Technician-Basic License; department approval. This course provides a planned and supervised clinical experience with an emergency medical services agency.
Lecture Hours: 0 Laboratory Hours: 5
Lecture Hours: 1 Laboratory Hours: 0

Prerequisite: HLTH 041 with a grade of “C” or better or equivalent. This course is designed to meet the emergency care training needs of those individuals responding to the initial call for emergency care assistance such as police officers, firefighters, industrial health personnel, teachers, etc. The first responder provides the initial care prior to the arrival of higher-level trained personnel such as EMTs, Paramedics, nurses or physicians. Emphasis is placed on airway management, patient assessment, and treatment of medical or trauma emergencies. Upon successful completion of this course, students may apply to take the First Responder licensure exam.

Lecture Hours: 1 Laboratory Hours: 2

EMT 210  EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE I
Prerequisite: EMT 120 with a grade of “C” or better or equivalent; current State of Illinois Emergency Medical Technician-Basic License; department approval. This course is the first of three designed to prepare the student to function as an Emergency Medical Technician-Intermediate (EMT-I) with an intermediate or advanced life support unit. Students are introduced to the roles and responsibilities of the EMT-I, as well as the ethical and legal aspects of emergency medical care. Emphasis is placed on human anatomy and physiology, fluids and electrolytes, pharmacology and medication administration, intravenous therapy, airway management, patient assessment, kinematics of trauma, pathophysiology of shock, and respiratory and cardiac emergencies. Selected clinical experiences will be provided to correlate with the course content.

Lecture Hours: 5 Laboratory Hours: 3

EMT 215  EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE II
Prerequisite: Current State of Illinois Emergency Medical Technician-Basic License; successful completion of EMT 210; department approval. This course is the second of three designed to prepare the student to function as an Emergency Medical Technician-Intermediate (EMT-I) with an intermediate or advanced life support unit. Students are introduced to the roles and responsibilities of the EMT-I, as well as the ethical and legal aspects of emergency medical care. Emphasis is placed on the assessment and treatment of diabetic and neurological emergencies, allergic reactions, poisoning and overdoses, abdominal emergencies, obstetrical and gynecological emergencies, neonatal and pediatric emergencies, geriatric emergencies, and the special needs patient. Selected clinical experiences will be provided to correlate with the course content.

Lecture Hours: 2.5 Laboratory Hours: 1.5

EMT 220  EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE PRACTICUM
Prerequisite: Successful completion of EMT 215; current State of Illinois Emergency Medical Technician-Basic License; department approval. This course is designed to provide the EMT Intermediate (EMT-I) student educational experience with an advanced life support unit. The experiences gained during this course will further develop the skills and knowledge gained in EMT 210 and 215.

Lecture Hours: 0 Laboratory Hours: 15 or equivalent

EMT 230  EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC II HR. (OC)
Prerequisite: EMT 220 with a grade of “C” or better or equivalent; current State of Illinois Emergency Medical Technician-Intermediate license; department approval. This course is the first of four designed to prepare the student to function as an Emergency Medical Technician-Paramedic (EMT-P) with an advanced life support unit. Instruction will focus on the roles and responsibilities of the EMT Paramedic, medicolegal aspects of advanced emergency care, patient advocacy, and an overview of human systems and physiology, Instruction in patient assessment, pharmacology and pharmacodynamics, intravenous/intraosseous therapy, and medication administration will be provided, as well as airway management. Practical laboratory sessions and selected clinical experiences provide opportunities to correlate with the course content.

Lecture Hours: 1 Laboratory Hours: 0

EMT 231  EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC II
Prerequisite: EMT 230 with a grade of “C” or better or equivalent; current State of Illinois or National Registry of Emergency Medical Technician-Intermediate license; department approval. This course is the second of four designed to prepare the student to function as an Emergency Medical Technician-Paramedic (EMT-P) with an advanced life support unit. Instruction will focus on the pathophysiology and management of trauma, to include assessment of the trauma patient, management of head injuries, chest injuries, abdominal injuries, spinal injuries, orthopedic injuries, management of the multiple-trauma patient, management of special airway problems, and current trends in trauma management. Practical laboratory sessions and selected clinical experiences provide opportunities to correlate didactic knowledge while developing psychomotor skills.

Lecture Hours: 1 Laboratory Hours: 0

EMT 232  EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC III
Prerequisite: EMT 231 with a grade of “C” or better or equivalent; current State of Illinois or National Registry of Emergency Medical Technician-Intermediate license; department approval. This course is the third of four designed to prepare the student to function as an Emergency Medical Technician-Paramedic (EMT-P) with an advanced life support unit. This course provides concentrated instruction in the assessment and treatment of medical emergencies such as respiratory, cardiovascular, neurological, endocrine, allergic, gastrointestinal, and genitourinary emergencies. Instruction in intravenous therapy and administration of appropriate medications, as well as electrocardiogram interpretation will also be provided. Practical laboratory sessions provide opportunities to correlate didactic knowledge while developing psychomotor skills.

Lecture Hours: 2 Laboratory Hours: 1

EMT 233  EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC IV
Prerequisite: EMT 232 with a grade of “C” or better or equivalent; current State of Illinois or National Registry of Emergency Medical Technician-Intermediate license; department approval. This course is the last of four designed to prepare the student to function as an Emergency Medical Technician-Paramedic (EMT-P) with an advanced life support unit. This course is intended to provide the student an opportunity to study and manage special consideration patients. As a continuation of the EMT Paramedic Program, this course provides concentrated instruction in the areas of neonatal, pediatric, and geriatric patients, OB/GYN patients, diverse patients, behavioral disorder patients, and chronically ill patients. Instruction will focus on the assessment and treatment of the above-listed emergencies using the knowledge and practical skills learned to date. Practical laboratory sessions provide opportunities to correlate didactic knowledge while developing psychomotor skills.

Lecture Hours: 1 Laboratory Hours: 0

EMT 240  EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC PRACTICUM
Prerequisite: Successful completion of EMT 233; current State of Illinois Emergency Medical Technician-Intermediate license; department approval. This course is designed to provide the EMT-Paramedic student educational experience with an advanced life support unit. The experiences gained during this course will further develop the skills and knowledge gained in EMT 230-233.

Lecture Hours: 0 Laboratory Hours: 20 or equivalent

EMT 255  INDEPENDENT STUDY
Prerequisite: Current EMT licensure; department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.

Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Energy Efficiency Renewable Energy

EERE 120  SOLAR DOMESTIC HOT WATER
Prerequisite: Successful completion of EERE 120; with a grade of “C” or better or equivalent. This course prepares students for entry level work in the solar water heating field and will help facilities managers, architects, planners, home owners, and government officials to understand the workings and benefits of solar domestic hot water systems.

Lecture Hours: 1 Laboratory Hours: 0

EERE 121  SOLAR SPACE HEATING
Prerequisite: EERE 120 with a grade of “C” or better. This course will help professional installers understand how solar space heating can be accomplished and will help facilities managers, architects, planners, home owners, and government officials to understand the workings and benefits of solar heating.

Lecture Hours: 1 Laboratory Hours: 0

EERE 122  RESIDENTIAL SDHW SITE ASSessor
Prerequisite: EERE 120 with a grade of “C” or better. In this course, students will learn how to assess a home for its potential for a solar domestic hot water (SDHW) system. Students will learn how to define a site’s solar window, interpret solar radiation and temperature data, size a system, identify system components, determine the best location for collectors, and determine structural integrity for an installation.

Lecture Hours: 2 Laboratory Hours: 0
### Course Descriptions

#### EERE 123 SOLAR WATER HEATING LAB 3 HRS. (OC)
Prerequisite: EERE 120 with a grade of "C" or better. In this course, students will learn the basics of how to properly install two types of solar domestic hot water systems suitable for northern climates. The hands-on course includes both theory and installation practice. Participants will work as a group to install both a drain back and pressurized closed-loop system on a training roof. This course will qualify the student to be on the Focus on Energy Full Service Installer list, provides fourteen Wisconsin Department of Commerce continuing education units, and twenty-one North American Board Certified Energy Practitioners (NABCEP) continuing education credits.
Lecture Hours: 1 Laboratory Hours: 4

#### EERE 124 SOLAR THERMAL DESIGN 2 HRS. (OC)
Prerequisite: EERE 123 with a grade of "C" or better. In this course, students will learn the principles and application of hot water load analysis, component sizing, heat storage, heat distribution, and system efficiency in the design of solar thermal systems. Students will work to apply these considerations as they design four solar thermal systems based on actual case studies of space heating, domestic hot water, process heating, and pool heating systems.
Lecture Hours: 2 Laboratory Hours: 0

#### EERE 151 BASIC PHOTOVOLTAIC SYSTEMS 1 HR. (OC)
This course will allow students to gain a better understanding of energy efficiency and the basics of photovoltaic (PV) systems.
Lecture Hours: 1 Laboratory Hours: 0

#### EERE 153 PRINCIPLES OF RESIDENTIAL PHOTOVOLTAIC SYSTEM SITE ASSESSMENT
Prerequisite: Credit or concurrent enrollment in EERE 151. Students in this course will learn how to perform a photovoltaic (PV) site assessment for a home.
Lecture Hours: 1 Laboratory Hours: 0

#### EERE 155 INTERMEDIATE PHOTOVOLTAIC (PV) SYSTEMS 2 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in EERE 151. This course will help the student learn the principles of photovoltaic (PV) system design and installation.
Lecture Hours: 2 Laboratory Hours: 0

#### EERE 161 PHOTOVOLTAIC (PV) SYSTEM INSTALLATION 4 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in EERE 155. This course offers students an advanced level of lecture and hands-on learning that will prepare them for field installations.
Lecture Hours: 5 Laboratory Hours: 3

#### EERE 163 PHOTOVOLTAIC (PV) SYSTEM DESIGN 1 HR. (OC)
Prerequisite: Credit or concurrent enrollment in EERE 155. This course provides the student with an advanced level of preparation for photovoltaic (PV) system design.
Lecture Hours: 1 Laboratory Hours: 0

#### EERE 165 PHOTOVOLTAIC (PV) SYSTEMS AND THE NATIONAL ELECTRICAL CODE (NEC)
Prerequisite: Credit or concurrent enrollment in EERE 155. This course will provide the student with a basic knowledge of the National Electric Code (NEC) as it applies to photovoltaic (PV) design and installation.
Lecture Hours: 1 Laboratory Hours: 0

#### EERE 167 PRINCIPLES OF BATTERY-BASED PHOTOVOLTAIC (PV) SYSTEMS
Prerequisite: Credit or concurrent enrollment in EERE 155. This course will provide the student with a comprehensive overview of the issues surrounding the use of batteries for photovoltaic (PV) applications.
Lecture Hours: 1 Laboratory Hours: 0

#### ENGR 230 PROGRAMMING ENGINEERING APPLICATIONS 3 HRS. (TC)
Prerequisite: MATH 222 and introductory computer skills. This course uses a high-level programming language to solve specific mathematical and scientific problems applying various mathematical techniques, including numerical and matrix algebra. Structured design is stressed as an essential part of programming each exercise. The course is intended to provide a tool for the engineering student to be able to design their own programs.
Lecture Hours: 2 Laboratory Hours: 3

#### ENGR 240 ENGINEERING CIRCUIT ANALYSIS (EGR 931) 4 HRS. (TC)
Prerequisite: A grade of "C" or better in PHYS 212; Credit with a grade of "C" or better or concurrent enrollment in MATH 250. This is the first electrical engineering circuit analysis course which includes the study of the principles of circuit operation as well as the mathematical techniques used to analyze circuit behavior under both transient and steady-state conditions, including loop and nodal equations, network theorems, and matrix methods.
Lecture Hours: 4 Laboratory Hours: 0

#### ENGR 241 ELECTRICAL ENGINEERING LAB (EGR 931L) 2 HRS. (TC)
Prerequisite: Credit with a "C" or better, or concurrent enrollment in ENGR 240. This is the basic electrical engineering laboratory course which acquaints the student with the methods and equipment used in a variety of experimental investigations. It serves as a foundation for more advanced electrical engineering lab work.
Lecture Hours: 1 Laboratory Hours: 3

#### ENGR 242 DIGITAL SYSTEMS ENGINEERING (EGR 932) 3 HRS. (TC)
Prerequisite: ENGR 250 or CMPS 125 or department approval. This course introduces the student to the analysis and design of digital circuits and systems. Topics include: analog and digital information representation, combinational and sequential switching circuits and hardware, stored program systems, and an introduction to microprocessors.
Lecture Hours: 3 Laboratory Hours: 0

#### ENGR 251 STATICS (EGR 942) 3 HRS. (TC)
Prerequisite: PHYS 211 with a "C" or better, and MATH 224 with a "C" or better or concurrent enrollment in MATH 224. This course is a fundamental study of static equilibrium and its applications. Topics include algebraic and vector solutions of equilibrium of 2- and 3-dimensional force systems; analysis of forces acting on members of trusses, frames, machines and beams; distributed forces; forces due to friction and fluids; calculation of centroids and moments of inertia using both integration and the method of composites; the principle of virtual work.
Lecture Hours: 3 Laboratory Hours: 0

#### ENGR 252 DYNAMICS (EGR 943) 3 HRS. (TC)
Prerequisite: ENGR 251 with a grade of "C" or better and credit or concurrent enrollment in MATH 250. This course is a basic study of dynamics. Topics include displacement, velocity, and acceleration of a particle; relationship between forces acting on rigid bodies and changes in motion produced by them; translation, rotation, and plane motion; solutions using principles of force, mass and acceleration; work and energy, and impulse and momentum. The computer is used as an aid to solve engineering problems.
Lecture Hours: 3 Laboratory Hours: 0

#### ENGR 253 MECHANICS OF MATERIALS 3 HRS. (TC)
Prerequisite: A grade of "C" or better in ENGR 251. This course is a study in the relationship between external loads, internal stresses, and deflections of deformable bodies within the context of engineering design principles. Topics include internal force, stress, strain and deflection of beams, shafts and columns; analytical methods for determining strength, stiffness and stability; strength and failure criteria in member design; indeterminate problems; transformations for multi-axial stress and strain states.
Lecture Hours: 3 Laboratory Hours: 0

### Engineering

#### ENGR 110 INTRODUCTION TO ENGINEERING 1 HR. (TC)
Prerequisite: Credit or concurrent enrollment in MATH 165 or higher. This course provides an introduction to the engineering profession. Informed educational and career choices are facilitated through discussions with guest speakers from industry and transfer universities. Skills are developed in engineering problem solving and the use of the personal computer for word processing, spreadsheet analysis, and equation solving. A team design project is included.
Lecture Hours: 1 Laboratory Hours: 1

#### ENGR 113 ENGINEERING GRAPHICS/CAD (EGR 941) 3 HRS. (TC)
Prerequisite: Credit or concurrent enrollment in MATH 165 or higher and appropriate score on the engineering placement test or department approval. This is a course in hand-sketching and computer-aided design, modeling, and drawing techniques. Topics include: lettering/text, scaling, multiview first and third angle orthographic projections, pictorial presentation, descriptive geometry with auxiliary views, sections, dimensioning, tolerancing, fasteners, assemblies and production drawings.
Lecture Hours: 2 Laboratory Hours: 4

### English

#### ENGL 080 PREPARATION FOR COLLEGE READING AND WRITING 080 6 HRS. (BEC)
ENGL 080 is a reading and writing course which introduces students to basic reading comprehension and writing strategies. Students will read a variety of texts and learn to write complete sentences and organized paragraphs. This course is repeatable three times.
Lecture Hours: 6 Laboratory Hours: 0

#### ENGL 085 PREPARATION FOR COLLEGE READING AND WRITING 085 6 HRS. (BEC)
Prerequisite: ENGL 080 with a grade of "C" or better, appropriate score on placement test, or department approval. ENGL 085 is a reading and writing course which helps students develop basic reading comprehension and writing strategies. Students will read a variety of texts and learn to write short, organized essays. This course is repeatable three times.
Lecture Hours: 6 Laboratory Hours: 0
Prerequisite: ENGL 111 or department approval. In this course students will understand the structure and elements of poetry and the writing process, produce fully developed works of poetry, and demonstrate an understanding of the critical terminology of the creative writer. A minimum of 200-250 finished lines of original work is recommended. Journals, a midterm, and a final exam may also be required. Lecture Hours: 3 Laboratory Hours: 0

ENGL 116 AGRICULTURAL COMMUNICATIONS 3 HRS. (TC)
Prerequisite: Appropriate score on placement test. This course deals with writing reports, forms, memos, letters, job-application letters, and resumes. Group projects and presentations of varying lengths and complexity are also completed. Lecture Hours: 3 Laboratory Hours: 0

ENGL 117 CREATIVE WRITING: NON-FICTION PROSE 3 HRS. (TC)
Prerequisite: ENGL 111 with a grade of “C” or better. In this course students will understand the structure and elements of literary non-fiction and the writing process, produce fully developed works of non-fiction, and demonstrate an understanding of the critical terminology of the creative writer. A minimum of 25-30 finished pages of original work is recommended. Journals, a midterm, and a final exam may also be required. Lecture Hours: 3 Laboratory Hours: 0

ENGL 125 BUSINESS COMMUNICATIONS 3 HRS. (TC)
Prerequisite: Either appropriate score on the English placement test or ENGL 105 or an equivalent course with a grade of “C” or better. This course introduces the student to a series of related activities, such as interviewing skills, job application techniques, business writing skills, effective speaking skills, listening skills, and other business communication tasks. Lecture Hours: 3 Laboratory Hours: 0

ENGL 130 GRANT WRITING BASICS 3 HRS. (TC)
Prerequisite: Appropriate score on placement test. This course examines and outlines basic principles of organizing and writing grants. An overview of identifying government, private, and corporate grants is also included. Lecture Hours: 3 Laboratory Hours: 0

ENGL 140 INTRODUCTION TO WRITING CENTER THEORY 3 HRS. (TC)
AND PRACTICE
Prerequisite: ENGL 111 and department approval. This course investigates, applies, and reflects on the theories and strategies pertinent to writing centers with respect to tutoring and writing processes. Students will acquire skills in assessing and prioritizing clients’ needs in an individual way and, recognizing the importance of both verbal and nonverbal cues, communicate those needs to the writer. Additionally, they will achieve awareness in learning styles and cultural differences as they impact writing. They will also develop techniques to collaborate effectively, respond constructively, and observe critically. Further, the course will introduce students to stages of process-based writing, including intervention, drafting, revising, and editing. Students will gain insight into an array of rhetorical strategies and demonstrate an awareness of audience. The course integrates students into the Studio culture, note as tutors but as observers and writers mentored by the staff. Lecture Hours: 3 Laboratory Hours: 0

ENGL 200 INTRODUCTION TO THE ENGLISH LANGUAGE 3 HRS. (TC)
Prerequisite: Appropriate score on college placement exam. This course offers an introductory study of linguistics which includes grammar, semantics, language development, and regional and social varieties of English. Lecture Hours: 3 Laboratory Hours: 0

ENGL 201 TECHNICAL COMMUNICATIONS 3 HRS. (TC)
Prerequisite: Appropriate score on placement test or “C” or better in ENGL 095 or “C” or better in ENGL 099 or department approval. This course involves the development of clear, concise, technical style of writing, logical organization of material, and the use of drawings, illustrations, and tables in supporting and clarifying report content. Types and forms of reports and the correct formal of business letters are studied. Written projects include reports and letters of varying lengths and degree of complexity. Lecture Hours: 3 Laboratory Hours: 0

ENGL 210 ADVANCED COMPOSITION 3 HRS. (TC)
Prerequisite: ENGL 111 or equivalent. The course builds upon the skills learned in ENGL 111 and acquaints the importance of critical analysis, rhetorical theory, and stylistic self-awareness in written discourse. The course encourages students to develop a public voice that demonstrates a sophisticated awareness of audience. Students will acquire skills in reader-based expository prose, argumentative strategy, and generative rhetoric. Lecture Hours: 3 Laboratory Hours: 0
English as a Second Language

ESL 089 ENGLISH AS A SECOND LANGUAGE, BEGINNING 3 HRS. (ESL)
Prerequisite: Appropriate score on a standardized ESL test accepted by the Illinois Community College Board or the College. This course is designed for students with little or no English-speaking proficiency. It centers on developing the basic skills needed to function in everyday American life. Repeatable up to three times.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

ESL 090 ENGLISH AS A SECOND LANGUAGE, BEGINNING 4 HRS. (ABE)
Prerequisite: Appropriate score on a standardized ESL test accepted by the Illinois Community College Board or the College. This course centers on developing basic vocabulary and grammar skills and understanding idioms using the English language in simple dialogues, reading, and writing. Repeatable up to three times.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

ESL 092 ENGLISH AS A SECOND LANGUAGE, INTERMEDIATE 4 HRS. (ESL)
Prerequisite: Appropriate score on a standardized ESL test accepted by the Illinois Community College Board or the College. This course centers on developing more advanced vocabulary and grammar skills and understanding of idioms using the English language in dialogues, reading, and writing. Repeatable up to three times.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

ESL 093 ENGLISH AS A SECOND LANGUAGE, INTERMEDIATE LEVEL COMMUNICATION SKILLS 4 HRS. (ESL)
Prerequisite: Appropriate score on a standardized ESL test accepted by the Illinois Community College Board or the College. This course is designed to help the student further develop the English reading and writing skills necessary to transition to an ABE-level communication skills course or to a more advanced ESL course. This course is repeatable up to three times.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

ESL 104 ENGLISH AS A SECOND LANGUAGE, ORAL LANGUAGE COMPONENT, ADVANCED LEVEL 3 HRS. (ESL)
Prerequisite: Appropriate score on standardized ESL test or department approval. This course is the final level of the ESL oral language component. While building on skills previously acquired, this course emphasizes the oral skills necessary to survival in the college classroom. This course is repeatable up to three times.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

ESL 105 ENGLISH AS A SECOND LANGUAGE, WRITTEN LANGUAGE COMPONENT, ADVANCED LEVEL 3 HRS. (ESL)
Prerequisite: Appropriate score on standardized ESL test or department approval. This course stresses development of writing skills in progressively longer compositions based on personal experience while continuing to stress development of reading ability. Writing assignments are designed to prepare students for ESL 106. Repeatable up to three times.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

ESL 106 ENGLISH FOR NON-HERITAGE SPEAKERS 3 HRS. (ABE)
Prerequisite: Appropriate score on standardized ESL test or department approval. This course is designed to prepare potential transfer-level international students for the language complexities required in English 110 compositions. The course will concentrate on writing skills. This course is repeatable three times.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

ESL 107 TOEFL PREPARATION 3 HRS. (ABE)
Prerequisite: Department approval. This course is designed to prepare students for the Test of English as a Foreign Language - computer based test (TOEFL CBT) by concentrating on the necessary writing, grammar, listening, reading, and computer skills.
Lecture Hours: 2 Laboratory Hours: 2 or equivalent

English Language Learners

ELL 099 BEGINNING COMPOSITION FOR NON-NATIVE 5 HRS. (ABE)
ENGLISH LANGUAGE LEARNERS
Prerequisite: Appropriate score on reading placement and CELSA. This course is designed to develop fundamental skills in composition. The course introduces the writing process. Students will be able to demonstrate a basic understanding of written communication for further academic writings. This course is intended for non-native speakers of English.
Lecture Hours: 3 Laboratory Hours: 6

English Skills

ENGS 103 ENGLISH GRAMMAR I 1 HR. (BEC)
Prerequisite: Stanine of 3 or higher on the reading portion of the Academic Placement Test or a score of 49 or higher on the ACT COMPASS Test or department approval. This individualized course offers a series of lessons covering basic sentence structure, punctuation and usage. Repeatable up to three times.
Lecture Hours: 0 Laboratory Hours: 2

ENGS 104 ENGLISH GRAMMAR II 1 HR. (BEC)
Prerequisite: Stanine of 5 or higher on the reading portion of the Academic Placement Test or a score of 80 or higher on the ACT COMPASS Test, ENGS 103 with a grade of “C” or better, or department approval. This individualized course offers a series of lessons covering more advanced sentence structure, punctuation and usage. Repeatable up to three times.
Lecture Hours: 0 Laboratory Hours: 2

ENGS 105 VOCABULARY ENRICHMENT I 1 HR. (BEC)
Prerequisite: Stanine of 3 or higher on the reading portion of the Academic Placement Test or a score of 49 or higher on the ACT COMPASS Test or department approval. This is an individualized, self-paced course designed to help English-speaking students expand their vocabularies. Repeatable up to three times.
Lecture Hours: 0 Laboratory Hours: 2

Family and Consumer Services

FCS 110 BASIC NUTRITION 2 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a study of basic nutrition to help the student acquire relevant information about nutrition, which they can use professionally and/or personally. The course will cover the practical aspects of normal nutrition, ways to promote sound eating habits throughout the life cycle, and physiological contributions nutrients make to body structure and function.
Lecture Hours: 2 Laboratory Hours: 0

FCS 111 EARLY CHILDHOOD NUTRITION EDUCATION 3 HRS. (DC)
This course is a study of the field of child nutrition. The course will include discussions on the following: 1) nutrition in general, 2) nutrition as it applies to the infant, 3) nutrition as it applies to the toddler [1-3 years of age], 4) nutrition as it applies to the child [3-8 years of age], 5) current nutritional trends and fads, 6) current nutritional concerns of early childhood.
Lecture Hours: 3 Laboratory Hours: 0

FCS 120 PRINCIPLES OF NUTRITION 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a study of scientific principles related to nutrition. It covers the role of specific nutrients, their sources, the role they play in digestion, absorption, metabolism, and nutritional requirements of individuals during different stages throughout their lifecycle.
Lecture Hours: 3 Laboratory Hours: 0

Film

FILM 110 SURVEY OF FILM (F2 908) 3 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. An introduction to film as an art form, emphasizing a study of the aesthetic and production elements of the medium, including narrative genres, directorial style, cinematography, acting, editing, sound, and music.
Lecture Hours: 3 Laboratory Hours: 0
Fire Science Technology

FRSTK 072 HAZARDOUS MATERIALS AWARENESS 0.5 HRS. (VSC)
This course is designed to provide the basic safeguards in recognizing hazardous materials incidents. The course teaches the skills necessary for the detection of hazardous materials, consulting references for additional information, and implementation of the proper notification process.
Lecture Hours: 0.5 Laboratory Hours: 0

FRSTK 110 INTRODUCTION TO FIRE SCIENCE 3 HRS. (GC)
This course is designed to acquaint the student with the fire service, careers available, history, evaluation and survey of fire protection. Lecture Hours: 3 Laboratory Hours: 0

FRSTK 111 BASIC INSTRUCTOR TRAINING FOR THE FIRE SERVICE 3 HRS. (GC)
Prerequisite: Department approval. This course is a basic introduction to the principles of vocational level skill training for people who will be conducting on-the-job fire training in local fire departments. This course will not teach firemanship, but will equip firemanship trainers with basics of adult vocational skills teaching.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 112 FIRE PREVENTION AND LEGAL ASPECTS OF FIRE PROTECTION 3 HRS. (GC)
Prerequisite: FRSTK 110 or department approval. This course develops the fundamental principles, theories and techniques of fire prevention, including the organization and implementation of a thorough and deliberate program of public fire prevention. In addition to emphasizing fire and life safety through recognition and elimination of related hazards and familiarization with a model fire prevention code, the legal, social, economic and political aspects of providing public fire protection will be stressed.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 113 FIRE COMPANY APPARATUS AND PROCEDURES 3 HRS. (GC)
Prerequisite: FRSTK 110 or department approval. This course provides an understanding of the practices and procedures which permit the most efficient utilization of firefighting appliances and vehicles. While elementary firefighting tactics and strategy will be introduced, the emphasis of this course will be on apparatus design requirements, operation and maintenance necessary for effective and reliable fireground performance.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 114 FIREFIGHTING TACTICS AND STRATEGY 3 HRS. (GC)
Prerequisite: FRSTK 110 or department approval. This course develops an understanding of the art and science of effective utilization of personnel, apparatus, equipment and extinguishing agents on the fireground. Emphasis will be placed on pre-fire planning, size-up and organization of the fireground situation, firefighting operations (ventilation, operation of hose streams, overhauling) and post-fire analysis and study.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 115 CERTIFIED APPARATUS ENGINEER 3 HRS. (GC)
Prerequisite: Department approval. This course covers fire department apparatus including Illinois state laws as they pertain to fire apparatus, operations apparatus, calculating pump pressures, understanding pump operations, and safe driving procedures.
Lecture Hours: 2 Laboratory Hours: 3

FRSTK 116 RECRUIT FIRE SERVICE TRAINING MODULE A 5 HRS. (GC)
Prerequisite: Department approval. This course, Module A, is a basic introduction to firemanship for a firefighter. The course includes basic fire behavior, extinguishers and extinguishing agents, small tool and equipment utilization, and ladders. Practical applications of each procedure will be made. The materials in this course are intended to prepare the firefighter to challenge the written exam required for Illinois State Certified Firefighters. This course is designed as the first one-third of the Certified Firefighter Program.
Lecture Hours: 5 Laboratory Hours: 0

FRSTK 117 RECRUIT FIRE SERVICE TRAINING MODULE B 5 HRS. (GC)
Prerequisite: Department approval. This course, Module B, is the second course in the Certified Firefighter Program. The course includes instruction in ropes, emergency medical care, water supply, fire streams, forcible entry, ventilation, rescue and over haul. Course instruction is designed to prepare the firefighter for the written exam for Illinois State Certified Firefighters.
Lecture Hours: 5 Laboratory Hours: 0

FRSTK 118 RECRUIT FIRE SERVICE TRAINING MODULE C 5 HRS. (GC)
Prerequisite: Department approval. This course, Module C, is the third course in the Certified Firefighter Program and includes instruction in communications, sprinkler systems, salvage, fire inspections, fire cause and origin and hazardous materials.
Lecture Hours: 5 Laboratory Hours: 0

FRSTK 132 INDUSTRIAL FIRE PROTECTION 3 HRS. (GC)
Prerequisite: Department approval. This course involves the study of the principles of industrial loss prevention, including risk management, fire hazards and causes, structural fire and explosion protection, fixed detection and suppression systems.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 183 CERTIFIED RESCUE SPECIALIST, ROADWAY EXTRICATION 3 HRS. (GC)
Prerequisite: Employment (paid or voluntary) as Vehicle Emergency Rescue Squad, Firefighter, Police Officer, Ambulance Driver, E.M.T. or department approval. This course is designed to develop skills in the use and care of extraction equipment needed to perform in rescue, extrication and hazardous control functions. Upon successful completion of this course, the student will be qualified for State of Illinois certification examination as a Certified Rescue Specialist-Roadway Extrication.
Three lecture hours a week for fifteen weeks and two laboratory sessions at seven and one-half hours each.
Lecture Hours: 3 Laboratory Hours: 1

FRSTK 190 LEGAL ISSUES IN THE FIRE SERVICE 3 HRS. (GC)
Prerequisite: Department approval. This course covers legal issues in the fire service including emergency vehicle operation, tort liability, employment law, and labor law with an emphasis on the law of the State of Illinois.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 201 INTERNSHIP, FIRE SERVICE 3 HRS. (OC)
Prerequisite: FRSTK 110 and department approval. This course is designed to give the trainee field experience in fire protection work by actually participating as a "cadet" while engaged in on-the-job training with experienced fire protection and prevention personnel. The student will do individual research and study in their field of interest as approved and directed by the instructor.
Lecture Hours: 0 Laboratory Hours: 15 or equivalent

FRSTK 211 FIRE SERVICE INSTRUCTOR, STANDARD LEVEL 3 HRS. (GC)
Prerequisite: FRSTK 111 and qualified as Basic Certified Instructor. This course is the second level of instructor training which is designed to more thoroughly acquaint the trainee with the methods and techniques of training and further develop lesson presentation skills. Additionally, the trainee will learn how to design, develop and administer training programs. The course development process and the planning, researching, writing and evaluation of training curricula and programs will be addressed. Forty-eight hours of lecture, discussion and practice teaching.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 212 FIRE PREVENTION PRINCIPLES II 3 HRS. (GC)
Prerequisite: FRSTK 112. This course is designed to meet the needs of individuals who desire to become familiar with advanced fire protection, inspections and investigation practices and procedures. The course is structured to meet the requirement established by the Illinois State Fire Marshal for certification as a Fire Officer II.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 214 TACTICS AND STRATEGY II 3 HRS. (GC)
Prerequisite: FRSTK 114. This course is an advanced study in firefighting strategy and leadership, designed mainly for fire officers and potential fire officers. This course will partially fulfill state requirements for Fire Officer II.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 222 SELECTED TOPICS 1-4 HRS. (GC)
Prerequisite: FRSTK 110. The content of this course varies from offering to offering to meet the changing needs of students and to allow exploration of topics more fully than can be addressed in survey courses. Each offering will present a unique investigation of a topic in fire science. This course is repeatable if the topic and content are different up to a maximum of four semester hours of credit. The duration of the course will depend upon the topic to be covered.
Lecture Hours: 1 - 4 Laboratory Hours: 0 or equivalent

FRSTK 225 BUILDING CONSTRUCTION FOR THE FIRE SERVICE 3 HRS. (GC)
Prerequisite: FRSTK 110. This course is a basic introduction to the principles of building construction for firefighters. This course will teach firefighters the importance of understanding how the construction of a building influences the severity of a fire and how to control it.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent
FRSTK 227 CHEMISTRY OF FLAMMABLE HAZARDOUS MATERIALS 3 HRS. (OC)
Prerequisite: FRSTK 110 and approved laboratory science. This course develops the properties of chemically active materials such as flammable liquids, oxidizing and corrosive materials, and radioactive compounds. Emphasis is placed not only upon identification, labeling, storage, handling and disposal, but will also consider identification and application of the appropriate extinguishing agents.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 228 CHEMISTRY OF EXPLOSIVE AND TOXIC MATERIALS 3 HRS. (OC)
Prerequisite: FRSTK 110 and approved laboratory science. This course is an in-depth study of the properties of flammable, explosive and toxic materials, and combustible solids. The inter-reaction of various chemical compounds will also be considered. Secondary emphasis on effects of various extinguishing agents and accompanying emergency procedures.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 229 HAZARDOUS MATERIALS I 3 HRS. (OC)
Prerequisite: Illinois Certified Firefighter II. This course covers hazardous materials awareness and first responder requirements specified in the State of Illinois Fire Marshal guidelines to meet OSHA standards.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 230 FIRE SERVICE HYDRAULICS 3 HRS. (OC)
Prerequisite: FRSTK 110 and approved laboratory science. This course is designed to acquaint the student with the application of the laws of mathematics and physics to properties of fluid states, force, pressure and flow velocities. Emphasis is placed on applying principles of hydraulics to firefighting problems.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 231 HAZARDOUS MATERIALS II 3 HRS. (OC)
Prerequisite: FRSTK 229. This course is designed for those firefighting personnel who are or will be operating as part of an organized hazardous materials response team. Emphasis is placed on the skills necessary to operate in a safe manner while utilizing special protective clothing.
Lecture Hours: 2 Laboratory Hours: 3

FRSTK 232 FIRE PROTECTION SYSTEMS 3 HRS. (OC)
Prerequisite: FRSTK 110 or department approval. This course is a study of basic principles involved in design and operation of existing suppression and detection systems found in most occupancies.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 250 FIRE SERVICE MANAGEMENT I 3 HRS. (OC)
Prerequisite: FRSTK 110 or department approval. This course is an exploration of organizational principles with emphasis on fire department organization; a study of the history, types, methods and principles of fire department organization, both formal and informal line and staff. Emphasis is placed on supervisory responsibilities and functions.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 252 FIRE SERVICE MANAGEMENT II 3 HRS. (OC)
Prerequisite: FRSTK 110 or department approval. This course is intended as a management program for present and potential members of the fire service. It is designed to fulfill state requirements for Fire Officer I and expand the present program curriculum in the area of management.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 253 FIRE SERVICE MANAGEMENT III 3 HRS. (OC)
Prerequisite: FRSTK 250 and 252. This course is designed to prepare the student for the position of a senior officer on a fire department. A study is made of the roles and functions of the senior officer positions. This is the first of two management classes for Fire Officer II certification.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 254 FIRE MANAGEMENT IV 3 HRS. (OC)
Prerequisite: FRSTK 253. This course is designed to fit the needs of a senior fire officer in learning to use the group process for planning, decision-making and team development. It is a class designed to meet the requirements established by the Illinois State Fire Marshal for certification as a Fire Officer II.
Lecture Hours: 3 Laboratory Hours: 0

FRSTK 255 INDEPENDENT STUDY 1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual or specific needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Forensic Science
FORS C123 FORENSIC PHOTOGRAPHY 3 HRS. (OC)
Prerequisite: CRJ 130 or FORSC 231 or department approval. This course will examine the various photographic techniques and evidentiary requirements specific to various types of crimes, crime scenes and environmental conditions. Students will develop proficiency in the various techniques and use of photographic equipment. Also included are proper practices and legal aspects to allow photographic evidence in court proceedings.
Lecture Hours: 1 Laboratory Hours: 4

FORS C244 CRIME SCENE BASICS 4 HRS. (TC)
This course is the scientific application of forensic science to criminal and civil laws that are enforced by police agencies in a criminal justice system and covers various topics in forensics relating to physical and biological evidence. The course covers the history of forensics and the role and services of the crime laboratory. Physical properties are examined and biological evidence is examined using analytic methods, including various DNA techniques. Drug identification and field testing procedures are studied as is chemical analysis of the categories of controlled substances. Classes are conducted in a crime lab environment and students will gain hands-on experience by participating in practical assessments.
Lecture Hours: 3 Laboratory Hours: 2 or equivalent

FORS C245 CRIME SCENE PRACTICAL 2 HRS. (TC)
Prerequisite: FORSC 244 with a grade of "C" or better or department approval. This course is the application of crime scene investigation techniques and practices presented in FORSC 244, and as used by law enforcement agencies to enforce criminal and civil laws. This course will be held in a crime laboratory environment and students will participate in practical exercises to assess their ability to apply what they have learned.
Lecture Hours: 1 Laboratory Hours: 2 or equivalent

French
FR 110 ELEMENTARY FRENCH I 4 HRS. (TC)
Prerequisite: Appropriate score on placement test or "C" or better in ENGL 095 or "C" or better in ENGL 099 or department approval. This course is designed to develop through the audio-lingual approach the four basic skills in French: listening, speaking, reading, and writing.
Lecture Hours: 4 Laboratory Hours: 0

FR 111 ELEMENTARY FRENCH II 4 HRS. (TC)
Prerequisite: FR 110 or equivalent. This course is a continuation of FR 110 with emphasis on listening, speaking, reading, and writing. The course is conducted primarily in French.
Lecture Hours: 4 Laboratory Hours: 0

FR 210 INTERMEDIATE FRENCH I 4 HRS. (TC)
Prerequisite: FR 111 or equivalent. This course emphasizes conversation, selected readings, and composition. The course is conducted primarily in French.
Lecture Hours: 4 Laboratory Hours: 0

FR 211 INTERMEDIATE FRENCH II (H 1900) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and FR 210 or equivalent. This course is a continuation of FR 210 with emphasis on advanced conversation, reading, and composition. This course is conducted in French.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent

GED Preparation
GEDPR 080 ABE COMMUNICATION AND MATHEMATICAL SKILLS 2 HRS. (ABE)
Prerequisite: Reading level of 4 - 8.9 on a standardized reading test accepted by the Illinois Community College Board or the College. This course is designed to help the student improve basic reading, writing, and communication skills; and develop mathematical vocabulary, skills in arithmetic, and mathematical analysis. Repeatable up to a maximum of three times.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

GEDPR 081 ABE MATHEMATICS I 1 HR. (ABE)
Prerequisite: Math level of 4-6.9 on a standardized test accepted by the Illinois Community College Board or the College. This course is designed to help the student develop mathematical vocabulary, skills in arithmetic, and mathematical analysis. Repeatable up to a maximum of three times.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent
GEDPR 099 GED REVIEW
Prerequisite: Reading level 9-12.9 on a standardized reading test accepted by the Illinois Community College Board or the College. This course is designed to prepare the student for the GED Test in the areas of literature, grammar and essay writing, social science, science, and mathematics.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

General Motors Automotive Service Educational Program (GM-ASEP)

ASEP 112 INTRODUCTION TO GM-ASEP
Prerequisite: Department approval. This course provides instruction and lab experience in shop safety, shop operation and how to obtain service information. Also covered are the basic inspection and servicing techniques of electrical systems, brake systems and automatic transmissions and transaxles.
Lecture Hours: 1 Laboratory Hours: 3

ASEP 115 ELECTRICAL SYSTEMS I
Prerequisite: Department approval. This course is designed to include electrical concepts as they apply to electrical systems. It will include the use of electrical test equipment used to diagnose electrical problems found on motor vehicles. Major emphasis is on the application of these principles as they apply to the transportation industry.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 117 AUTOMOTIVE SUSPENSION, STEERING AND ALIGNMENT
Prerequisite: Department approval. This course is a study of the design and operation of suspension and steering systems used in the automotive industry. It includes the use of diagnostic equipment and making component repairs on current automobiles.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 125 ELECTRICAL SYSTEMS II
Prerequisite: Department approval. This course covers electrical components and systems associated with the transportation service industry and their applications. Diagnostic techniques and repair procedures are emphasized.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 129 AUTOMOTIVE BRAKE SYSTEMS
Prerequisite: Department approval. This course is a study of the design and operation of brake systems used in the automotive industry. It includes the use of diagnostic equipment and making component repairs on current automobiles.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 132 AUTOMATIC HVAC
Prerequisite: Department approval. This course provides an introduction into the basic theory and principles of air conditioning as they relate to automotive applications. Use of test equipment to diagnose and repair malfunctions, including repair of component parts and the charging and recharging of systems will be stressed in the laboratory. Manufacturers' specifications will be utilized in performing standard service operations. Automotive engine cooling systems are also covered in the course.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 133 ENGINE PERFORMANCE I
Prerequisite: Department approval. This course covers the principles of fuel and ignition systems in modern gasoline engines. Diagnostic techniques and repair procedures are emphasized. Special emphasis is placed on the use of modern test equipment to analyze problems and computer operations.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 137 MANUAL DRIVETRAINS
Prerequisite: Department approval. This course explores the transmission of power from the internal combustion engine by mechanical means. Problems in design and application are solved. The laboratory experience includes inspection, disassembly and repair of manual transmissions, manual transaxles, differentials, axles, and four wheel drive and transfer cases.
Lecture Hours: 2 Laboratory Hours: 3

ASEP 150 INTERNSHIP
Prerequisite: Department approval. This supervised experience is required of students enrolled in the GM-ASEP program. Students' needs and objectives determine major emphasis of this course.
Lecture Hours: 0 Laboratory Hours: 20 or equivalent

ASEP 151 INTERNSHIP
Prerequisite: Department approval. This supervised experience is required of students enrolled in the GM-ASEP program. Students' needs and objectives determine major emphasis of this course.
Lecture Hours: 0 Laboratory Hours: 20 or equivalent
GIS 108  REMOTE SENSING  3 HRS. (OC)
This course provides an introduction to the techniques of collecting and interpreting information about earth's surface through non-contact methods. The current relationship with geographic information systems (GIS) will be examined.
Lecture Hours: 2 Laboratory Hours: 2

GIS 110  GEODATABASES  2 HRS. (OC)
This course is an introduction to the structure and capabilities of a geodatabase. Coverage will include creation of a geodatabase, migration of existing GIS data to a geodatabase, and editing and maintaining data stored in a geodatabase.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

Geography

GEOG 112  CULTURAL GEOGRAPHY (S4 908N)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a study of world cultures and their patterns across the earth's surface from a geographic perspective. Aspects and principles of economic geography, urban geography, demography, political geography and cultural ecology are applied to the cultures of the world. Special topics include human origins and distribution, language, religion, agriculture, natural hazards, urbanization, industry and recreation.
Lecture Hours: 3 Laboratory Hours: 0

GEOG 113  WORLD REGIONAL GEOGRAPHY (S4 909N)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a study of selected world regions from a geographic point of view. Aspects and principles of economic geography, political geography, cultural geography, historical geography, and physical geography are applied to the regions of the world. The major focus of the course is on the non-Western and Third World.
Lecture Hours: 3 Laboratory Hours: 0

GEOG 116  GEOGRAPHY OF THE DEVELOPED WORLD (S4 902N)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course surveys the developing world stressing the economic, social, political, and environmental characteristics of Latin America, Africa, and Asia. The basic relationship between the physical environment and cultural characteristics of a region will be explored as a primary focus of the course.
Lecture Hours: 3 Laboratory Hours: 0

GEOG 118  GEOGRAPHY OF THE DEVELOPED WORLD (S4 901)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course surveys the developed world stressing the economic, social, political, and environmental characteristics of North America, Europe, and other technologically advanced regions of the world. The basic relationship between the physical environment and cultural characteristics of a region will be explored as a primary focus of the course.
Lecture Hours: 3 Laboratory Hours: 0

GEOG 200  ECONOMIC GEOGRAPHY (S4 906N)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course introduces international aspects of industrial raw materials, agricultural commodities, industrial location, transportation and energy supplies. The scientific method is utilized in problem solving. Students develop skills in working with topographic maps, aerial photographs, formulating and testing hypotheses, evaluating locations from a geographic point of view, and analyzing computer generated maps of land use.
Lecture Hours: 3 Laboratory Hours: 0

German

GER 110  ELEMENTARY GERMAN I  4 HRS. (TC)
Prerequisite: Appropriate score on the placement test or “C” or better in ENGL 095 or ENGL 099 or departmental approval. This course is an introduction to German grammar and syntax that affords practice in listening, speaking, reading, and writing.
Lecture Hours: 4 Laboratory Hours: 0

GER 111  ELEMENTARY GERMAN II  4 HRS. (TC)
Prerequisite: GER 110 or equivalent. This course emphasizes conversation, reading, and composition. The course is conducted primarily in German.
Lecture Hours: 4 Laboratory Hours: 0

GER 210  INTERMEDIATE GERMAN I  4 HRS. (TC)
Prerequisite: GER 111 or equivalent. This course emphasizes conversation, reading, and composition. The course is conducted primarily in German.
Lecture Hours: 4 Laboratory Hours: 0

AEEP 210  ENGINE PERFORMANCE II  2 HRS. (OC)
Prerequisite: Department approval. This course covers the principles of fuel and ignition systems in modern gasoline engines. Diagnostic techniques and repair procedures are emphasized. Special emphasis is placed on the use of modern test equipment to analyze problems and computer operations.
Lecture Hours: 1 Laboratory Hours: 3

AEEP 215  ELECTRICAL SYSTEMS III  3 HRS. (OC)
Prerequisite: Department approval. This course provides the background needed to diagnose and repair the sophisticated electronics and computerized circuits within the motor vehicles used in the heavy equipment and transportation industries. Basic electronic concepts, component function and system operation are covered. Manufacturer's procedures are taught to identify malfunctions and to test the systems properly.
Lecture Hours: 2 Laboratory Hours: 3

AEEP 217  AUTOMATIC TRANSMISSIONS  3 HRS. (OC)
Prerequisite: Department approval. This course explores the transmission of power from the internal combustion engine by mechanical and hydraulic means. Problems in design and application are solved. The laboratory experience includes inspection, disassembly and repair of automatic transmissions, automatic transaxes, and torque converters.
Lecture Hours: 1 Laboratory Hours: 6

AEEP 221  INTERNAL COMBUSTION ENGINES  4 HRS. (OC)
Prerequisite: Department approval. This course discusses the principles of piston driven internal combustion engines and variations in design and operational characteristics of different engine types. In the laboratory, the student will learn the proper use of hand tools, micrometers, dial indicators and other special tools in the visual inspection, measurement, and service procedures for automotive/light truck engines.
Lecture Hours: 2 Laboratory Hours: 6

AEEP 229  EMISSIONS AND DRIVABILITY  3 HRS. (OC)
Prerequisite: Department approval. This course covers the emission controls systems used in modern gasoline engines. The use of test equipment and proper repair procedures are emphasized. Drivability of the automobile is also covered by studying the interaction of fuel, ignition and emission systems.
Lecture Hours: 2 Laboratory Hours: 3

AEEP 250  INTERNSHIP  4 HRS. (OC)
Prerequisite: Department approval. This supervised experience is required of students enrolled in the GM-ASEP program. Students' needs and objectives determine major emphasis of this course.
Lecture Hours: 0 Laboratory Hours: 20 or equivalent

AEEP 251  INTERNSHIP  4 HRS. (OC)
Prerequisite: Department approval. This supervised experience is required of students enrolled in the GM-ASEP program. Students' needs and objectives determine major emphasis of this course.
Lecture Hours: 0 Laboratory Hours: 20 or equivalent

GIS 108  REMOTE SENSING  3 HRS. (OC)
This course provides an introduction to the techniques of collecting and interpreting information about earth's surface through non-contact methods. The current relationship with geographic information systems (GIS) will be examined.
Lecture Hours: 2 Laboratory Hours: 2

GIS 110  GEODATABASES  2 HRS. (OC)
This course is an introduction to the structure and capabilities of a geodatabase. Coverage will include creation of a geodatabase, migration of existing GIS data to a geodatabase, and editing and maintaining data stored in a geodatabase.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

Geographic Information Systems

GIS 100  MAP APPRECIATION AND INTERPRETATION  1 HR. (OC)
This course introduces the student to maps and their ability to provide information on a wide variety of topics. Basic elements of cartography will be examined in addition to an examination of various types of maps. Emphasis will also be given to developing map interpretation skills.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

GIS 102  INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS  3 HRS. (OC)
This course is a basic introduction to the concepts, techniques, and applications of geographic information systems (GIS). Cartographic and database skills are established and their interrelationship examined to learn how a GIS can be created and then utilized to analyze and display information.
Lecture Hours: 3 Laboratory Hours: 0

GIS 104  APPLIED GEOGRAPHIC INFORMATION SYSTEMS  3 HRS. (OC)
Prerequisite: GIS 102 with a grade of "C" or better or department approval. This course deals with the design, implementation, and management of geographic information systems. The course will provide an opportunity for students to learn through the application of geospatial technologies to real-world projects.
Lecture Hours: 3 Laboratory Hours: 0

GIS 106  GLOBAL POSITIONING SYSTEMS  1 HR. (OC)
This course will teach the knowledge and skills necessary to utilize global positioning systems (GPS) to collect, process, and use geographic data. Students will learn and apply GPS theory and techniques through field survey experiences.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

GER 110  ELEMENTARY GERMAN I  4 HRS. (TC)
Prerequisite: Appropriate score on the placement test or “C” or better in ENGL 095 or ENGL 099 or departmental approval. This course is an introduction to German grammar and syntax that affords practice in listening, speaking, reading, and writing.
Lecture Hours: 4 Laboratory Hours: 0

GER 111  ELEMENTARY GERMAN II  4 HRS. (TC)
Prerequisite: GER 110 or equivalent. This course emphasizes conversation, reading, and composition. The course is conducted primarily in German.
Lecture Hours: 4 Laboratory Hours: 0

GER 210  INTERMEDIATE GERMAN I  4 HRS. (TC)
Prerequisite: GER 111 or equivalent. This course emphasizes conversation, reading, and composition. The course is conducted primarily in German.
Lecture Hours: 4 Laboratory Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Type of Offering</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCOMM 110</td>
<td>INTRODUCTION TO GRAPHIC COMMUNICATIONS</td>
<td>4 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 112</td>
<td>VECTOR GRAPHICS WITH ADOBE ILLUSTRATOR</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 118</td>
<td>OCCUPATIONAL PHOTOSHOP TECHNIQUES</td>
<td>1 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 120</td>
<td>PAGE LAYOUT WITH ADOBE INDESIGN</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 140</td>
<td>PRINTING METHODS</td>
<td>4 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 150</td>
<td>PRODUCTION TECHNIQUES AND PROCESSES</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 160</td>
<td>OCCUPATIONAL PHOTOGRAPHIC TECHNIQUES</td>
<td>1 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 210</td>
<td>SCREEN PRINTING</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 220</td>
<td>ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 230</td>
<td>DIGITAL PHOTOGRAPHY AND SCANNING FOR PUBLISHING</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 235</td>
<td>WEB PUBLISHING WITH ADOBE DREAMWEAVER</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 245</td>
<td>ADVANCE WEB PUBLISHING WITH ADOBE DREAMWEAVER AND FLASH</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 250</td>
<td>BEGINNING ADOBE PHOTOSHOP TECHNIQUES</td>
<td>3 HR.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 255</td>
<td>INDEPENDENT STUDY</td>
<td>1-5 HRS.</td>
<td>(OC)</td>
</tr>
<tr>
<td>GCOMM 260</td>
<td>GRAPHIC COMMUNICATIONS INTERNSHIP</td>
<td>1-3 HRS.</td>
<td>(OC)</td>
</tr>
</tbody>
</table>

**Course Descriptions**

**GCOMM 110 INTRODUCTION TO GRAPHIC COMMUNICATIONS**

This course introduces the basic principles, materials and equipment used in the major printing processes. Beginning skills in typography, electronic desktop publishing, photography, scanning, image manipulation, creation of printing plates and press operation are emphasized.

Lecture Hours: 2 Laboratory Hours: 4

**GCOMM 112 VECTOR GRAPHICS WITH ADOBE ILLUSTRATOR**

This course is a study of the techniques used to prepare vector artwork for production and page layout of small documents. Students are taught the methods and conventions of drawing, painting, typesetting, and art manipulation with Adobe Illustrator using Macintosh computers. Basic techniques of digital image capture, color separation, and electronic file preparation for single and multiple color jobs are also included in this course.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 118 OCCUPATIONAL PHOTOSHOP TECHNIQUES**

This course is designed to introduce the student to electronic scanners and scanning techniques commonly used in desktop publishing. Instruction is provided in the operation of desktop scanners and image preparation for page layout. Utilizing commercially prepared images and the basics of digital photography are also covered in this course.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 120 PAGE LAYOUT WITH ADOBE INDESIGN**

This course is an introduction to the tools and techniques utilized in page layout, commonly known as desktop publishing. The more common configurations of hardware and software are discussed, and skills are developed in the use of Adobe InDesign software. The importing of word processing files, prepared art, and scanned images or digital photographs into the layout are covered. Use file templates, master layouts, and text formatting styles to dramatically improve production workflow. Students will also be taught to use conditional text and layers to develop customized versions of a document to further layout efficiency. Design considerations in the correct selection of typefaces and use of line elements, and the outputting of files for printed media or electronic publishing are covered.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 140 PRINTING METHODS**

Prerequisite: GCOMM 110 with a grade of “C” or better or GCOMM 110 with a grade of “C” or better, or department approval. This course covers offset lithography and silk screen press operation.

Lecture Hours: 2 Laboratory Hours: 4

**GCOMM 150 PRODUCTION TECHNIQUES AND PROCESSES**

Prerequisite: GCOMM 110 with a grade of “C” or better or GCOMM 110 with a grade of “C” or better. This course is designed to provide a study of the materials, supplies, and production concerns found in the printing industry. The basics of estimating job costs, using both conventional and computerized methods, are presented. Production concerns from the copy preparation stage to those encountered in binding and finishing are discussed, and their impact on the scheduling of printing production is covered.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 160 OCCUPATIONAL PHOTOGRAPHIC TECHNIQUES**

This course contains practical applications of image editing and digital enhancement with Adobe Photoshop for occupational use. Techniques in the manipulation of digital photographs and commercially available images with Photoshop for industry-specific needs will be covered in this course.

Lecture Hours: 0 Laboratory Hours: 2

**GCOMM 210 SCREEN PRINTING**

Prerequisite: GCOMM 110, GCOMM 112, GCOMM 250 or department approval. This course will provide an introduction to the screen printing trade. Students will explore copy preparation, mesh selection, frames, stencil systems, printing techniques, ink and substrate compatibility, reclamation of screens, and how screen printing affects the finishing processes. A combination of technical laboratory applications and theory will provide the foundation for this course.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 220 ADVANCE PAGE LAYOUT AND INTERACTIVE CROSS MEDIA**

Prerequisite: GCOMM 130 with a grade of “C” or better or GCOMM 130 with a grade of “C” or better. This course is a continuation of GCOMM 130 with emphasis on some of the more advanced features, techniques, and software utilized in electronic publishing. In addition to in-depth publishing topics using Adobe InDesign, this course will introduce students to page layout techniques using Quark XPress software, interactive document creation using Adobe Acrobat Pro, and ePub creation.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 230 DIGITAL PHOTOGRAPHY AND SCANNING FOR PUBLISHING**

Prerequisite: Credit or concurrent enrollment in GRART 130 or GCOMM 130. This course introduces the student to electronic scanners and scanning techniques commonly used in desktop publishing. Instruction is provided in the operation of desktop scanners and image preparation for page layout. Utilizing commercially prepared images and the basics of digital photography are also covered in this course.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 245 WEB PUBLISHING WITH ADOBE DREAMWEAVER**

This course is designed to introduce the student to document construction for publishing on the World Wide Web. Basics of Hypertext Markup Language are covered as is instruction in the use of authoring software such as Adobe Dreamweaver and Fireworks.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 247 ADVANCE WEB PUBLISHING WITH ADOBE DREAMWEAVER AND FLASH**

Prerequisite: GCOMM 245 with a “C” or better or GCOMM 245 with a grade of “C” or better. This course is a study of the techniques used in creating sophisticated web pages. Students are taught the correct methods of image optimization using Fireworks, and the development of box model CSS template driven web pages using Adobe Dreamweaver. Interactive web page design objects and form validation will be covered using Spry elements. The creation of vector animations with Adobe Flash, and the construction of virtual reality tours using Autodesk Stitcher.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 248 MODELING AND ANIMATION WITH AUTOESK MAYA**

Prerequisite: GCOMM 245 with a grade of “C” or better or GCOMM 245 with a grade of “C” or better. This course is designed to introduce the student to the creation of two-dimensional (2D) and three-dimensional (3D) animations. The two-dimensional vector animation software Adobe Flash will be used to develop interactive animations. The focus in the 2D animation will be to explore the creation of motion with a timeline interface and programming interactive behavior to control the state of the animations. The topics covered with 2D animation will be built upon in the following 3D animation portion of the class using Autodesk Maya. Students will be taught how to develop 3D models, animate and render them for output as stream video for web delivery, and capture still images for use in print.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 250 BEGINNING ADOBE PHOTOSHOP TECHNIQUES**

Prerequisite: Credit or concurrent enrollment in GCOMM 130 or GCOMM 130. This course includes practical applications of image editing utilizing Macintosh computers and Adobe Photoshop. Beginning techniques in the manipulation of original and commercially available images with Photoshop for conventional or electronic publication are emphasized.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 251 ADVANCED ADOBE PHOTOSHOP TECHNIQUES**

Prerequisite: GCOMM 250 with a grade of “C” or better or GCOMM 250 with a grade of “C” or better. This course is a study of advanced image editing with Adobe Photoshop. Techniques in the manipulation of images, streamlining of production, and creation of original images with Photoshop for conventional or electronic publication are included.

Lecture Hours: 1 Laboratory Hours: 4

**GCOMM 255 INDEPENDENT STUDY**

1-5 HRS. (OC)

Prerequisite: Department approval. This course provides a student an opportunity to investigate areas of Graphic Communication not included in the course of study according to the individual’s academic needs. The student must submit a formal written plan detailing the project, number of credit hours assigned to it and the evaluative criteria that is to be used. This project must be carried out under the direction of a faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.

Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

**GCOMM 260 GRAPHIC COMMUNICATIONS INTERNSHIP**

1-3 HRS. (OC)

Prerequisite: GCOMM 110, GCOMM 112, GCOMM 130, GCOMM 245, and GCOMM 250, all with a grade of “C” or better. This course will help to prepare students for careers in the graphic communications work force. This exposure to the workplace will help students’ understanding of the different types of careers, work environment, work flows, job duties and how they will be able to fit into the work place.

Lecture Hours: 1 - 3 Laboratory Hours: 0 or equivalent
Graphic Design

GRDSN 114 WATERCOLOR ILLUSTRATION 2 HRS. (OC)
This course is a study of realism, perspective, picture structure, color and values in modern watercolor painting techniques. Projects are created both in the studio and at community locations.
Lecture Hours: 0 Laboratory Hours: 4

GRDSN 130 GRAPHIC DESIGN SOFTWARE TOPICS 1 HR. (TC)
This course contains hands-on, skill-building modules with a variety of current software topics that stress contemporary industry-standard software in the multimedia industry. Students acquire applied software skills and competencies in four-week modules for current and emerging graphic design software applications. This course is repeatable when content of topics is different up to a total of three hours credit.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

GRDSN 140 GRAPHIC DESIGN I 3 HRS. (TC)
This introductory studio course provides a foundation in practices, techniques, processes, terminology, theory and aesthetics of graphic design. Studio projects stress concept, graphic form, structure and visual organization methods, to develop effective solutions for visual communication problems. Projects combine aspects of image, text, space and color, in both traditional and new-media approaches.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 141 INTRODUCTION TO ILLUSTRATION 3 HRS. (OC)
Prerequisite: GRDSN 140 or department approval. This course is a continuation of GRDSN 140, and emphasizes various styles and techniques of illustration and graphic design used in contemporary visual communications. It provides a foundation for acquiring aesthetic and technical proficiency and addresses creation and reproduction problems in both traditional and new digital media.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 142 TYPOGRAPHY 3 HRS. (TC)
Prerequisite: GRDSN 140 or department approval. This course is an introductory course in the Graphic Design sequence. Studio and laboratory projects stress research, basic typographical terminology, and methods for effective graphic design solutions. Analysis of historical trends in typographic design creates a context for contemporary trends and practical applications in the field of Graphic Design. Course objectives stress exploration of design and typographic elements in various graphic design software applications, understanding an application of typographic terminology and processes, comprehension of the value of typographic design, and creation of typographic design for effective visual communication.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 143 COMPUTER ILLUSTRATION I 3 HRS. (OC)
Prerequisite: Concurrent enrollment in GRDSN 140 or 141 or department approval. This course is an introductory course in the Graphic Design sequence. Studio and laboratory projects stress research, basic typographical terminology, and methods for effective graphic design solutions. Analysis of historical trends in typographic design creates a context for contemporary trends and practical applications in the field of Graphic Design. Course objectives stress exploration of design and typographic elements in various graphic design software applications, understanding an application of typographic terminology and processes, comprehension of the value of typographic design, and creation of typographic design for effective visual communication.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 150 GRAPHIC DESIGN II 3 HRS. (TC)
Prerequisite: GRDSN 140 with a grade of "C" or better and credit or concurrent enrollment in GRDSN 142. This course stresses studio and laboratory project development and design of digital graphic solutions. This course includes advanced graphic design problems, stressing a practical foundation of knowledge of the graphic design process and methodologies. Instruction includes theoretical basis and practical approach to concept and creation of studio and laboratory projects. Advanced graphic design techniques, processes, terminology, software and conceptual skills are emphasized.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 240 ADVANCED GRAPHIC DESIGN I 3 HRS. (TC)
Prerequisite: GRDSN 142 and GRDSN 150 or department approval. This course includes advanced graphic design problems, stressing methodologies for creating effective solutions for visual communications. Instruction includes theoretical basis and practical approach to concept and creation of studio and laboratory projects. Advanced graphic design techniques, processes, terminology, software and conceptual skills are stressed.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 241 ADVANCED GRAPHIC DESIGN II 3 HRS. (OC)
Prerequisite: GRDSN 240 or department approval. This course is a continuation of GRDSN 240, in creating advanced graphic design problems. Development of projects for portfolio presentation and career preparation for the Graphic Design field is stressed.
Lecture Hours: 0 Laboratory Hours: 6

GRDSN 244 COMPUTER ILLUSTRATION II 2 HRS. (OC)
Prerequisite: GRDSN 143 or department approval. This course is a continuation, at an advanced level, of GRDSN 143. The applied studio project assignments stress the acquisition of conceptual and technical skills. Problems of production, from the generation of computer illustrations to the preparation of computer files for final output, are addressed.
Lecture Hours: 0 Laboratory Hours: 4

GRDSN 255 INDEPENDENT STUDY 1-5 HRS. (OC)
Prerequisite: Department approval. This course provides a student an opportunity to investigate areas of Graphic Design not included in the course of study according to the individual's academic needs. The student must submit a formal written plan detailing the project, number of credit hours assigned to it and the evaluative criteria that is to be used. This project must be carried out under the direction of a faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Greek

GRK 110 FUNDAMENTALS OF GREEK I 4 HRS. (TC)
Prerequisite: Appropriate score on placement test or "C" or better in ENGL 095 or "C" better ENGL 099 or department approval. This course is designed primarily for students interested in acquiring a reading knowledge of Greek.
Lecture Hours: 4 Laboratory Hours: 0

GRK 111 FUNDAMENTALS OF GREEK II 4 HRS. (TC)
Prerequisite: GRK 110 or equivalent. This course is a continuation of GRK 110 with emphasis on developing further knowledge of the Greek language.
Lecture Hours: 4 Laboratory Hours: 0

Green Building Environment

GRBCR 110 BUILDING WALL SYSTEMS 4 HRS. (OC)
Prerequisite: Concurrent enrollment in ARCTK 119. This course introduces students to the construction and repair of the building envelope. Students will learn how to select and operate power tools to construct or repair various wall systems including block, brick, and framed. Students will learn skills in wall-framing, installing, and repairing sheet rock, and finishing interior and exterior walls.
Lecture Hours: 2 Laboratory Hours: 5

GRBCR 120 BUILDING ROOFS 4 HRS. (OC)
Prerequisite: Concurrent enrollment in ARCTK 119 and GRBCR 110 with a grade of "C" or better. This course introduces the student to the roof systems used in residences and light commercial applications. Students will understand basic roof requirements such as sustaining wind and snow loads. Students will be able to recognize components of the common roofing systems. Students will learn to practice environmentally sensitive methods for installing and repairing roof systems.
Lecture Hours: 2 Laboratory Hours: 5

GRBCR 150 BUILDING ENVELOPE EVALUATION 3 HRS. (OC)
In this course, individuals are trained on current methods to evaluate a building's exterior ability to control air infiltration and heat transfer. Laboratory experiences are designed to provide hands-on experiences that students experience setting up and analyzing building envelopes. This course prepares individuals to pass the Building Performance Institute (BPI) exam.
Lecture Hours: 2 Laboratory Hours: 2

GRBE 110 INTRODUCTION TO GREEN BUILDING NEEDS 3 HRS. (OC)
In this course the student will look at how to develop a green building team, who should make up the team, who should be the lead, and how each one affects the total building and its environment.
Lecture Hours: 3 Laboratory Hours: 0

GRBE 120 BUILDING ENERGY ANALYSIS 3 HRS. (OC)
Prerequisite: REACT 111 or concurrent enrollment. This course is designed to cover the introduction of the different types of energy audits and how to conduct an energy audit and water audit of residential and light commercial buildings.
Lecture Hours: 3 Laboratory Hours: 0

GRBE 130 CENTRAL HEATING AND COOLING PLANT 3 HRS. (OC)
Prerequisite: GRBE 120. In this course the student will develop a strong understanding of what a central system is and the advantages over spot heating and cooling. Course content will also cover the old style systems through to the greenest types of heating and cooling systems.
Lecture Hours: 3 Laboratory Hours: 0
Health

HLTH 041 BASIC LIFE SUPPORT (CPR) .5 HRS. (VSC)
This course presents the techniques of cardiopulmonary resuscitation (CPR) and foreign body airway obstruction (FBAO) management. Upon successful completion of written and skills evaluations, the student will be issued an American Heart Association Healthcare Provider card.
Lecture Hours: 5 Laboratory Hours: 0

HLTH 071 BASIC ELECTROCARDIOGRAMS 1 HR. (OC)
Prerequisite: Department approval. This course is designed to prepare the student to perform electrocardiograms. Emphasis is placed on lead placement, artifact, and machine operation. Basic anatomy and physiology of the cardiac system and electrophysiology are presented. Lethal dysrhythmias will be discussed. Practical skills experiences will be provided to correlate with the course content.
Lecture Hours: 5 Laboratory Hours: 1.5 or equivalent

HLTH 108 ELECTROCARDIOGRAM INTERPRETATION 1 HR. (OC)
This course is designed to prepare the student to identify key elements of the electrocardiogram in order to interpret and recognize patterns of dysrhythmias. Basic anatomy and physiology of the cardiac system and electrophysiology are presented. This course will prepare the student for advanced cardiac life support study.
Lecture Hours: 0.5 Laboratory Hours: 1.5

HLTH 110 FUNDAMENTALS OF STERILE PROCESSING 2 HRS. (OC)
Prerequisite: None. This course introduces students to an understanding of the decontamination, packaging, and handling of surgical medical products; processing and reprocessing of instruments and products; and the issues involved in inventory control and quality assurance of sterile products.
Lecture Hours: 1.5 Laboratory Hours: 1

HLTH 111 ADVANCED CARDIAC LIFE SUPPORT (ACLS) 1 HR. (OC)
Prerequisite: Current American Heart Association - Healthcare Provider CPR certification; physician, nursing, EMT, paramedic, respiratory therapy, or other appropriate allied/clinical health personnel; department approval. This course is designed to prepare emergency, intensive care, or critical care healthcare providers such as physicians, nurses, emergency medical technicians, paramedics, respiratory therapists, and other appropriate healthcare professionals to provide treatment for a cardiovascular emergency. Upon successful completion of the course, the student will qualify as an American Heart Association ACLS provider.
Lecture Hours: 1 Laboratory Hours: 0

HLTH 112 NURSING ASSISTANT TRAINING 5 HRS. (OC)
Prerequisite: COMPASS reading score of 62 or higher or department approval. Completion of CPR for the Healthcare Provider or concurrent enrollment in HLTH 041. This course is designed to prepare the student to function as a nurse assistant in nursing homes.
Lecture Hours: 3 Laboratory Hours: 6

HLTH 116 NURSE ASSISTANT: ALZHEIMER'S DISEASE 1 HR. (OC)
Prerequisite: Concurrent enrollment in HLTH 112 or department approval and COMPASS reading score of 62 or higher. This course is an introduction to the study of Alzheimer's Disease and related dementias. Topics covered include aging and dementia, communication, care and treatment modalities, behavior issues and management techniques, activities, nutrition, family roles, community resources, and staff support.
Lecture Hours: 1 Laboratory Hours: 0

HLTH 120 FIRST AID 2 HRS. (TC)
This course is designed to provide basic knowledge and skills needed to provide immediate first aid in case of accident or illness. Emphasis is placed on personal safety and accident prevention. Two lecture hours per week or equivalent.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

HLTH 121 MEDICAL TERMINOLOGY 2 HRS. (OC)
This course is a study of terminology used in all areas of medical and paramedical specialties. Emphasis is placed on word-building techniques and understanding of typical medical reports.
Lecture Hours: 2 Laboratory Hours: 0

HLTH 150 FOUNDATIONS OF HEALTH 3 HRS. (TC)
This course is an overview of current health issues. In addition to physical/mental health conditions, the course also explores environmental factors, violence and health care costs as they relate to individuals, families and the community.
Lecture Hours: 3 Laboratory Hours: 0

Health Occupations

HEOCC 111 INTRODUCTION TO HEALTH CAREERS 1 HR. (OC)
This course provides the student with a knowledge-based understanding of health care careers. Self-appraisal, critical analysis of health careers, workplace and professional skills, and safety issues are included.
Lecture Hours: 0.5 Laboratory Hours: 1.5

HEOCC 112 INTRODUCTION TO PHARMACOLOGY 2 HRS. (OC)
Prerequisite: Admission to or graduate of Health Occupations program or department approval. This course provides an introduction to the understanding of pharmacology. Emphasis will be placed on basic drug terminology, drug classifications and systems of measurement.
Lecture Hours: 1 Laboratory Hours: 2

HEOCC 114 INTRODUCTION TO INTERDISCIPLINARY HEALTH CARE
Prerequisite: Enrollment in Health Occupations program or department approval. This is an interdisciplinary course designed to provide health occupations students with the common knowledge and skills necessary to perform effectively in a changing health care environment. Health care management/systems issues, ethical and legal healthcare issues, interpersonal dynamics, team management, employability skills, basic computer skills, and problem-solving cases are included.
Lecture Hours: 5 Laboratory Hours: 1.5

HEOCC 200 DISEASE PROCESSES IN MAN 3 HRS. (OC)
Prerequisite: BIOL 140 or department approval. This course is designed to acquaint the student with disorders affecting tissues, organs and systems of the human body. Major health problems affecting large numbers of patients will be examined in relationship to causes, occurrence, signs and symptoms, diagnostic findings, treatment and prognosis, and the patient's, family's and society's responses to them.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

HEOCC 220 LEGAL ISSUES IN HEALTH CARE 1 HR. (OC)
Prerequisite: Acceptance to Physical Therapist Assistant or Occupational Therapy Assistant or Radiography or Medical Coder curricula or department approval. This course explores the legal foundations of health care delivery. Health law including negligence, hospital responsibilities, patient rights, and federal and state labor laws is discussed.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

HEOCC 230 HEALTH CARE ORGANIZATION AND RESOURCES 1 HR. (OC)
Prerequisite: Acceptance to Occupational Therapy Assistant or Physical Therapist Assistant or Radiography degree completion curricula or department approval. This course is designed to provide a review of the development and organization of the health care delivery system. Emphasis is placed upon the development of an understanding of the health care system and resources: people, money, equipment and facilities. Credentialing mechanisms will be identified and discussed.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

History

HIST 111 EARLY WORLD CIVILIZATIONS (H2 906) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course surveys the major ancient and medieval civilizations of the world from prehistoric origins to about 1600. Topics include civilizations of the Near East and Africa, South and East Asia, and the Americas as well as Europe and the Mediterranean. Lecture Hours: 4 Laboratory Hours: 0

HIST 112 MODERN WORLD CIVILIZATIONS (H2 907) 4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a continuation of HIST 111 and concentrates on the Modern era of world history since about 1500. Particular emphasis is placed on political, economic, and social developments which have shaped the cultures of the world including Europe, Russia, Africa, Asia, the Middle East, and the Americas. Lecture Hours: 4 Laboratory Hours: 0
Horticulture

HORT 110 INTRODUCTION TO HORTICULTURAL PLANTS (AG 905) 4 HRS. (OC)
This course is a study of horticultural plant structures, physiology and reproduction. Included are discussions of basic horticultural practices and occupational areas. Three lecture and three laboratory hours per week.
Lecture Hours: 3 Laboratory Hours: 3

HORT 114 TURF MANAGEMENT I 3 HRS. (OC)
This course emphasizes the general types of turfgrasses, their growth habits and requirements and the establishment of turf. Fertilizers, diseases, insects, weeds and turf equipment are included.
Lecture Hours: 2 Laboratory Hours: 3

HORT 124 LANDSCAPE CONSTRUCTION 3 HRS. (OC)
This course emphasizes techniques and uses of materials as they pertain to construction of various landscape features. Practical experience in the use of surveying instruments, concrete and paving materials. Additional experience in studying and constructing drainage systems, walls, steps, fences, terraces and patios.
Lecture Hours: 2 Laboratory Hours: 3

HORT 125 LANDSCAPE PLANTS I 3 HRS. (OC)
This course includes identification characteristics of evergreen plants, ground covers and vines for landscaping. Emphasis is placed on their culture, use and aesthetic value.
Lecture Hours: 2 Laboratory Hours: 3

HORT 126 HORTICULTURAL PLANT PRUNING 2 HRS. (OC)
This course is for students to 1) learn the theory of plant pruning, 2) develop the techniques to prune ornamental plants, 3) develop the techniques to prune fruit trees, 4) develop the techniques to prune small fruits, 5) select the correct equipment for pruning, and 6) develop an understanding of safe practices related to pruning and equipment use.
Lecture Hours: 1 Laboratory Hours: 2

HORT 130 LANDSCAPE PLANTS II 3 HRS. (OC)
This course emphasizes the identification, selection, use and maintenance of deciduous trees and shrubs.
Lecture Hours: 2 Laboratory Hours: 3

HORT 132 PLANT DISEASES AND INSECTS AND THEIR CONTROL 3 HRS. (OC)
This course is a study of the various diseases and insects that attack ornamental shrubs, trees and grasses. The latest developments in chemical control and machinery for application are considered.
Lecture Hours: 2 Laboratory Hours: 3

HORT 210 PLANT PROPAGATION 3 HRS. (OC)
This course studies the propagation of various types of plants used in the horticulture industry. Sexual and asexual plant propagation techniques will be discussed and laboratory exercises utilizing these principles performed.
Lecture Hours: 2 Laboratory Hours: 3

HORT 213 LANDSCAPE LAYOUT AND DESIGN 3 HRS. (OC)
Prerequisite: HORT 125 with a grade of "C" or better. This course is an introduction to free hand drawing and scale drawings. Cost calculations and layout designs for specific jobs are emphasized.
Lecture Hours: 1 Laboratory Hours: 6

HORT 214 HORTICULTURAL MECHANICS 3 HRS. (OC)
This course includes the adjustment and maintenance of equipment used in industry. Special emphasis is given to spreader and sprayer calibration, sod cutters, moving equipment, seeders, aerifiers, and servicing and troubleshooting two- and four-cycle engines.
Lecture Hours: 2 Laboratory Hours: 3

HORT 216 IRRIGATION SYSTEMS 2 HRS. (OC)
Prerequisite: HORT 114 with a grade of "C" or better. This course will teach the student about irrigation system concepts, equipment, design, troubleshooting, and repair. Emphasis will be on residential design systems. Golf course systems will be introduced.
Lecture Hours: 2 Laboratory Hours: 0

HORT 218 LANDSCAPE ESTIMATION AND CONTRACTS 2 HRS. (OC)
This course is for the student to 1) learn to interpret landscape plans for estimation and installation, 2) prepare landscape estimates, 3) use computer spreadsheets in estimating, 4) understand commercial software used in preparing estimates, and 5) use the various contracts common to the landscape industry.
Lecture Hours: 2 Laboratory Hours: 0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits (OC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOS 119</td>
<td>INTRODUCTION TO HOSPITALITY MANAGEMENT</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 110</td>
<td>INTRODUCTION TO HUMAN SERVICES</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 112</td>
<td>HABILITATION TRAINING</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 113</td>
<td>HABILITATION TRAINING FIELD EXPERIENCE</td>
<td>1 HR. (OC)</td>
</tr>
<tr>
<td>HUMSV 114</td>
<td>INTRODUCTION TO DEVELOPMENTAL DISABILITIES</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 120</td>
<td>SURVEY OF PSYCHIATRIC REHABILITATION</td>
<td>4 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 121</td>
<td>PSYCHIATRIC REHABILITATION SKILLS</td>
<td>3 HRS. (OC)</td>
</tr>
</tbody>
</table>

**Hospitality**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits (OC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HOS 119</td>
<td>INTRODUCTION TO HOSPITALITY MANAGEMENT</td>
<td>3 HRS. (OC)</td>
</tr>
</tbody>
</table>

**Human Services**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits (OC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMSV 110</td>
<td>INTRODUCTION TO HUMAN SERVICES</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 112</td>
<td>HABILITATION TRAINING</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 113</td>
<td>HABILITATION TRAINING FIELD EXPERIENCE</td>
<td>1 HR. (OC)</td>
</tr>
<tr>
<td>HUMSV 114</td>
<td>INTRODUCTION TO DEVELOPMENTAL DISABILITIES</td>
<td>3 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 120</td>
<td>SURVEY OF PSYCHIATRIC REHABILITATION</td>
<td>4 HRS. (OC)</td>
</tr>
<tr>
<td>HUMSV 121</td>
<td>PSYCHIATRIC REHABILITATION SKILLS</td>
<td>3 HRS. (OC)</td>
</tr>
</tbody>
</table>
HUMSV 122  PSYCHIATRIC REHABILITATION HEALTH SKILLS  3 HRS. (OC)
This course examines three dimensions of wellness – physical, emotional, and environmental – involved in a rehabilitative approach to serving individuals with serious mental illness. Students will learn the fundamentals of physical wellness, including diet, nutrition, exercise, sanitation, disease prevention and control, and the special considerations necessary for persons with serious mental illness.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 123  VOCATIONAL AND COMMUNITY LIVING SKILLS  4 HRS. (OC)
In this course, students examine vocational rehabilitation and community living skills related to a rehabilitative approach to serving individuals with serious mental illness. The focus of the course is on developing skills for working with community, state, and federal agencies that serve mental health consumers. Under the direction of an on-site agency supervisor, students will also spend a minimum for thirty-two hours in observational experiences, the focus of which is vocational rehabilitation and case management for mental health consumers.
Lecture Hours: 3 Laboratory Hours: 2

HUMSV 124  FAMILY SYSTEMS IN THE HUMAN SERVICES  3 HRS. (OC)
Prerequisite: HUMSV 110 or department approval. This course teaches students about the types of families who seek assistance from the human services system, interventions and strategies to assist those families, and appropriate functions and roles of human services paraprofessionals in the helping process.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 125  CULTURAL COMPETENCE IN THE HUMAN SERVICES  3 HRS. (OC)
Prerequisite: HUMSV 110 or department approval. This course teaches students about their own culture/heritages in comparison to others with reference to behaviors, interaction, and values. Through greater understanding of self and others, students will be able to develop helping approaches that are culturally sensitive.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 127  COMMUNITY RESOURCES AND ENTITLEMENT PROGRAMS  1 HR. (OC)
This course teaches students about community resources for at-risk populations and how to help human services consumers access entitlement programs.
Lecture Hours: 1 Laboratory Hours: 0

HUMSV 150  HUMAN SERVICE TOPICS  1-3 HR. (OC)
In this course students will learn about the nature of specific psychosocial issues and approaches with which human services professionals and community volunteers work. Such topics could include domestic violence, depression, suicide, substance abuse, and prevention and intervention strategies.
Lecture Hours: 1 - 3 Laboratory Hours: 0 or equivalent

HUMSV 151  CRISIS AND SUICIDE INTERVENTION  3 HRS. (OC)
This course is designed to prepare students to understand the nature of several psychological and social issues such as suicide, stress, mental illnesses, anxiety, substance abuse, and domestic violence. Students will also learn basic prevention and intervention strategies to deal with such issues.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 152  CHILD WELFARE SYSTEM  1 HR. (OC)
This course will provide students with an understanding of the basic child welfare policies, practices, and programs related to children and families in Illinois. They will understand how children enter the system, what happens to children while they are in the system, and how the child will exit the child welfare system.
Lecture Hours: 1 Laboratory Hours: 0

HUMSV 155  SOCIAL CLASS AND THE HELPING PROFESSIONS  3 HRS. (OC)
This course is an examination of how social class is defined in the American culture and the role it plays in an individual’s view of self and world. Students will have an understanding of how social class dynamics may impact working with individuals in the helping professions through case studies, experiential learning, and literature review.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 200  HUMAN SERVICES APPLICATIONS II  3 HRS. (OC)
This course introduces students to the skills and strategies essential to effective communication in paraprofessional positions. Students will gain practical experience using effective interaction techniques with at-risk populations and documentation skills needed in human services settings.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 212  UNDERSTANDING DEMENTIA  3 HRS. (OC)
In this course, students will learn about the types and characteristics of dementia, the relationship of dementia to other mental health disorders in older persons, care giving issues and concerns, and the roles of human services paraprofessionals working with older persons who are experiencing dementia and their families.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 213  ISSUES IN ABUSE  3 HRS. (OC)
This course teaches students about abuse and neglect of children, domestic violence, and abuse, neglect, and exploitation of older persons. Topics of discussion will include: the historical context of abuse, demographics of abuse, common myths about abuse, methods of investigating abuse, and cultural differences in abuse.
Lecture Hours: 3 Laboratory Hours: 0

HUMSV 250  HUMAN SERVICE INTERNSHIP  2 HRS. (OC)
Prerequisite: HUMSV 110, 111, and 200 or department approval. This course discusses weekly seminar topics relevant to the laboratory component which occurs in selected community agencies under the supervision of both agency and college personnel.
Lecture Hours: 1 Laboratory Hours: 3 or equivalent

HUMSV 255  INDEPENDENT STUDY  1 HR. (OC)
Prerequisite: HUMSV 110 and department approval. This course provides a student the opportunity to work on a specific project, research, or other specialized study related to individual academic needs. A written plan for the independent study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant information), and the project is carried out under the direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department. The student also submits a final written report to the faculty member.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Humanities

HUMAN 123  CLASSICAL HUMANITIES: BEGINNINGS THROUGH 1650  (HF 902)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an interdisciplinary study of literature, philosophy, the visual arts, and music in Western civilization from the ancient to the early modern periods. It is designed to show the inter-relationships of the arts and to give students a broad cultural background.
Lecture Hours: 3 Laboratory Hours: 0

HUMAN 124  MODERN HUMANITIES: 1650-1900  (HF 903)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an interdisciplinary study of literature, philosophy, the visual arts, and music in Western civilization between the early modern and the contemporary periods: the seventeenth, eighteenth, and nineteenth centuries. It is designed to show the inter-relationships of the arts and to give students a broad cultural background.
Lecture Hours: 3 Laboratory Hours: 0

HUMAN 125  CONTEMPORARY HUMANITIES  (HF 903)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a thematic-based interdisciplinary study of twentieth and twenty-first century literature, philosophy, the visual arts, and music. It is designed to show the inter-relationships of the arts and to give students a broad cultural background.
Lecture Hours: 3 Laboratory Hours: 0

HUMAN 128  ART AND MUSIC  (F9 900)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This interdisciplinary course will survey the development of music and the visual arts during the major epochs of Western Civilization. It is designed to provide students with a broad cultural background, an appreciation of music and the visual arts, and an understanding of how they are related to each other and to the societies from which they developed.
Lecture Hours: 3 Laboratory Hours: 0

HUMAN 129  LITERATURE AND THEATRE  (H3 902)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an interdisciplinary study of the roots of contemporary literature and theatre. It is designed to show the inter-relationships of the arts and to give students a broad cultural background.
Lecture Hours: 3 Laboratory Hours: 0

Independent Study

ICC 220  INDEPENDENT STUDY  1-4 HRS. (TC)
Prerequisite: Sophomore standing and department approval. Students work on a special problem suited to individual academic needs. A plan for the project including criteria for evaluation must be submitted to the dean/associate dean and approval for the project obtained, semester hours assigned, and an instructor-advisor approved prior to registration. At the conclusion of the project, a written report must be submitted to the instructor-advisor. This report will remain on file in the department. The transcript will show the discipline in which the work was completed.
Lecture Hours: 4 Laboratory Hours: 0 or equivalent
**Interior Design**

**INDSN 140**  **BASIC INTERIOR DESIGN**  **4 HRS. (TC)**
This course is an introduction to Interior Design and stresses the application of the elements and principles of design in space planning using knowledge of the basic materials used in interiors. Drafting and presentation skills are taught.
Lecture Hours: 4 Laboratory Hours: 0

**INDSN 141**  **HISTORY OF FURNITURE AND FURNISHINGS**  **4 HRS. (TC)**
This lecture based course covers the history of furniture, architectural elements and room design from the Prehistoric Era through Modernism. Knowledge of residential and commercial projects of a particular historical style or blend of styles is taught as well.
Lecture Hours: 4 Laboratory Hours: 0

**INDSN 255**  **INDEPENDENT STUDY**  **1-5 HRS. (OC)**
Prerequisite: INDSN 140 with a grade of “C” or better and INDSN 141 with a grade of “C” or better. This course provides a student an opportunity to investigate areas of Interior Design not included in the course of study according to the individual's academic needs. The student must submit a written plan detailing the project, number of credit hours assigned to it and the evaluative criteria that is to be used. This project must be carried out under the direction of a faculty member. The written project plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. This course can be repeated up to three times up to a maximum of five hours semester credit.
Lecture Hours: 0 Laboratory Hours: 3-15 or equivalent

**International Studies**

**INTST 130**  **THE SOCIETY AND CULTURE OF CHINA**  **(S2 914N) 3 HRS. (TC)**
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course introduces students to the society and culture of China from its historical origins through the present, with interdisciplinary perspectives including geography, population, politics, economy, international relations, philosophy, religion, and the arts.
Lecture Hours: 3 Laboratory Hours: 0

**INTST 132**  **LATIN AMERICAN HUMANITIES**  **(HF 904N) 3 HRS. (TC)**
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course helps students understand the history, cultures, and societies of Latin America from pre-Columbian times through the present.
Lecture Hours: 3 Laboratory Hours: 0

**INTST 133**  **CULTURES AND CIVILIZATIONS OF SUB-SAHARAN AFRICA**  **(HF 904N) 3 HRS. (TC)**
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course introduces students to the history, culture, and societies of sub-Saharan Africa from its beginning through the present.
Lecture Hours: 3 Laboratory Hours: 0

**INTST 134**  **INTRODUCTION TO MIDDLE EASTERN CULTURES**  **(S2 916N) 3 HRS. (TC)**
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course introduces the student to Middle Eastern societies and their cultures. Social, economic, political, and religious institutions will be examined within an historic and geographic context. Special topics will include the origin and spread of Islam, the economics of oil, the sciences and mathematics.
Lecture Hours: 3 Laboratory Hours: 0

**INTST 140**  **GLOBAL ISSUES**  **(S9 900) 3 HRS. (TC)**
Prerequisite: Reading placement exam or department approval. This course will investigate current global issues from a variety of social science perspectives, including sociology, anthropology, political science, history and geography. Through class activities students will develop a more globally informed perspective on the global issues of our day and gain an understanding of how to apply various social science disciplines to a topic.
Lecture Hours: 3 Laboratory Hours: 0

**Interpreter Preparation**

**IPP 110**  **AMERICAN SIGN LANGUAGE I**  **4 HRS. (OC)**
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or ENGL 110 or an equivalent course with a grade of “C” or better. This is a beginning course in American Sign Language. It introduces basic expressive and receptive ASL vocabulary and linguistic principles. Topics covered include, but are not limited to, classifiers, non-manual markers, ASL grammar rules, fingerspelling and numeric concepts, and deaf culture. Students learn and implement approximately twelve hundred ASL vocabulary terms.
Lecture Hours: 2 Laboratory Hours: 4

**IPP 111**  **AMERICAN SIGN LANGUAGE II**  **4 HRS. (OC)**
Prerequisite: IPP 110 with a grade of “C” or better, or department approval. This course is a continuation of skills developed in IPP 110 (ASL I). IPP 111 (ASL II) will provide students the opportunity to continue to expand their knowledge of vocabulary; approximately one thousand new signs will be covered. Students will continue to learn grammatical features of American Sign Language. Continued skill building of expressive and receptive Fingerspelling skills are included. Peer and self-assessment skills are emphasized.
Lecture Hours: 2 Laboratory Hours: 4

**IPP 112**  **AMERICAN SIGN LANGUAGE III**  **3 HRS. (OC)**
Prerequisite: IPP 111, IPP 118, and IPP 121 with a grade of “C” or better, or department approval. This course is a continuation of skills developed in IPP 111 (ASL II). IPP 112 (ASL III) seeks to enhance student performance skills in expressive production and receptive recognition and comprehension of ASL vocabulary and source messages. It provides a linguistic bridge into interpreting courses by focusing on easily confused signs and specialized sign vocabulary. Progress in the area of expressive and receptive fingerspelling skills is also emphasized.
Lecture Hours: 2 Laboratory Hours: 2

**IPP 115**  **DEAF CULTURE I**  **3 HRS. (OC)**
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or ENGL 110 with a grade of “C” or better or department approval. This course is designed for students who have no previous knowledge of the deaf community. It introduces the student to the basic essentials of deaf culture. Topics in the course include the history, language, attitudes, norms, behaviors, values, and traditions of deaf people. Students will also gain an awareness of the perspectives between the cultural and medical model of deafness.
Lecture Hours: 3 Laboratory Hours: 0

**IPP 118**  **AMERICAN SIGN LANGUAGE: FINGERSPELLING AND NUMBERING I**  **2 HRS. (OC)**
Prerequisite: IPP 110, 115, and 120 all with a grade of “C” or better, or department approval. This is a beginning course in Fingerspelling. It introduces basic vocabulary and linguistic principles. Receptive and expressive skills are both emphasized. Topics covered include alphabetic, numeric, lexicalization, history, and preventing Repetitive Motion Injury.
Lecture Hours: 1 Laboratory Hours: 2

**IPP 120**  **INTRODUCTION TO INTERPRETING**  **2 HRS. (OC)**
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, ENGL 110 with a grade of “C” or better or department approval. This course introduces students to the profession of Sign Language interpreting. Topics in the course include: the history and evolution of the profession, the role of the interpreter as defined by the RID Code of Professional Conduct, and a survey of the following topics: state and national laws and policies that affect the interpreter, state and national testing systems for interpreter certification and credentialing; Educational Performance Assessment (EIPA), Registry of Interpreters for the Deaf National Certification System (RID-NIC), and the Illinois Test of English Proficiency-Board of Evaluation of Interpreters (TEP/BEI). Students will survey language modalities used in professional interpreting environments. Students will also observe working interpreters in professional settings. Elements of professionalism will also be discussed.
Lecture Hours: 2 Laboratory Hours: 0

**IPP 121**  **PRACTICAL AND ETHICAL APPLICATIONS OF INTERPRETING**  **3 HRS. (OC)**
Prerequisite: IPP 110, 115, and 120 all with a grade of “C” or better, or department approval. This course will focus on the interpreter’s ethical and professional decision-making according to the RID Code of Professional Conduct, the EIPA Code of Ethics, and the Demand-Control Schema as they apply to working situations within the religious, legal, performing arts, mental health, medical, rehabilitation, social services settings. In-depth discussions will assess various interpreting situations and how to implement problem-solving strategies. This course will also present various occupational settings where interpreters work and focus on agencies that provide services to Deaf and hard of hearing individuals and professional interpreters. Students will continue to observe working interpreters in professional environments. Discussions of professionalism will also be continued in this course.
Lecture Hours: 3 Laboratory Hours: 0

**IPP 210**  **AMERICAN SIGN LANGUAGE IV**  **3 HRS. (OC)**
Prerequisite: IPP 112 with a grade of “C” or better, or department approval. This course is a continuation of skills developed in IPP 112 (ASL III). Students will continue to develop skills with advanced features of ASL grammar. Improved expressive and receptive ASL skills and expressive and receptive fingerspelling skills are also emphasized.
Lecture Hours: 2 Laboratory Hours: 2
The course is conducted primarily in Italian.

Prerequisite: IT AL 110 or equivalent or department approval. This course emphasizes conversation, selected readings, and composition. The course is conducted primarily in Italian.

Lecture Hours: 4 Laboratory Hours: 0

ITAL 210 INTERMEDIATE ITALIAN I
4 HRS. (TC)
Prerequisite: ITAL 111 or equivalent or department approval. This course is a continuation of ITAL 210. It is designed to expand proficiency in speaking, listening, reading and writing in the language and provide the knowledge of the culture or cultures of peoples who speak the language. The writing assignments are delivered in Italian and are appropriate to both the level and the target language. This course is conducted in Italian.

Lecture Hours: 4 Laboratory Hours: 0

ITAL 211 INTERMEDIATE ITALIAN II
4 HRS. (TC)
Prerequisite: ITAL 210 or equivalent or department approval. This course is a continuation of ITAL 210. It is designed to expand proficiency in speaking, listening, reading and writing in the language and provide the knowledge of the culture or cultures of peoples who speak the language. The writing assignments are delivered in Italian and are appropriate to both the level and the target language. This course is conducted in Italian.

Lecture Hours: 4 Laboratory Hours: 0

Journalism

JOUR 122 BEGINNING REPORTING (MC 919)
3 HRS. (TC)
This writing course emphasizes the development of professional-level news gathering and news writing skills with special emphasis on accuracy, readability, balance, news value, and human interest. The theory and practice, as well as the history of journalistic writing, are presented. Students complete assignments that may be published. Special emphasis is given to media demands of deadline and balance.

Lecture Hours: 3 Laboratory Hours: 0

JOUR 123 BASIC NEWS EDITING
3 HRS. (TC)
Prerequisite: JOURN 122 or department approval. This course is an introduction to the principles and techniques of electronic editing, information management, and publication design emphasizing the editing of body copy and display type for maximum clarity and impact.

Lecture Hours: 3 Laboratory Hours: 0

JOUR 142 PHOTOJOURNALISM
3 HRS. (TC)
Prerequisite: JOURN 122 or ART 140 or MCOMM 110 with a grade of “C” or better or department approval. This course will provide students with a working knowledge of the objectives, techniques, and skills of photojournalism, or the use of photographs to tell a story. Emphasis will be placed on work that has journalistic value, including but not limited to coverage of activities, persons of interest, and issues.
Students will learn photojournalistic workflow from assignment through layout.

Lecture Hours: 2 Laboratory Hours: 2

Library Technology

LIB 110 INTRODUCTION TO LIBRARIES
3 HRS. (OC)
This course is an introduction to the history, purpose, organization, and services of libraries, focusing on the role of the library technical assistant. It gives an in-depth view of different types of libraries and identifies job opportunities in the field.

Lecture Hours: 3 Laboratory Hours: 0

LIB 111 INTRODUCTION TO RESEARCH
1 HR. (TC)
This course provides instruction in the foundational skills for quality research in any academic or real-world venue. As well as instructing students on how to use the Illinois Central College Library, this course will focus on the fundamental skills the information fluent person should know such as how to rephrase a question for best results, how to determine quality results, how to avoid plagiarism and copyright issues, and how to best utilize the open world wide web for research purposes.

Lecture Hours: 1 Laboratory Hours: 0

LIB 114 AUDIOVISUAL EQUIPMENT OPERATION
2 HRS. (OC)
This course stresses practical experience in operating traditional and current AV equipment to deliver effective, comprehensive service support. Emphasis on equipment operation will also include introduction to Internet services, enriched media, and desktop applications.

Lecture Hours: 1 Laboratory Hours: 2

LIB 125 CATALOGING AND CLASSIFICATION
3 HRS. (OC)
This course is designed to introduce the student to current practices in cataloging and classification of library materials, both print and non-print. A practical study is made of the Anglo-American Cataloging Rules, Dewey Decimal Classification, and Sears Subject Headings. Emphasis is placed on cataloging decisions for the online environment and shared cataloging.

Lecture Hours: 2 Laboratory Hours: 2

LIB 127 MARC RECORD AND TECHNICAL PROCESSING
3 HRS. (OC)
Prerequisite: LIB 125. This course is designed to enable the student to use bibliographic utilities for copy cataloging, to apply machine readable catalog (MARC) coding to cataloging records, and to be able to process and maintain library materials.

Lecture Hours: 2 Laboratory Hours: 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIB 200</td>
<td>INTRODUCTION TO CHILDREN’S/YOUTH SERVICES IN LIBRARIES</td>
<td>3 HRS (OC)</td>
<td>This course introduces students to the types of youth services offered in public and school libraries for children from birth through 12th grade. The course will examine the skills needed for planning, executing, and evaluating youth services in light of current practices and challenges. Topics include programming, censorship, reader’s advisory, reference, storytelling, and the role of the Library Technical Assistant. Lecture Hours: 3 Laboratory Hours: 0</td>
</tr>
<tr>
<td>LIB 210</td>
<td>REFERENCE</td>
<td>3 HRS (OC)</td>
<td>This course teaches the student the criteria for evaluation and the methods of use for basic information sources, both print and electronic. Topics covered include reference interviewing, search strategy, choice of source material, Boolean searching, and World Wide Web browsers. Students gain experience in using these materials to answer reference questions. Lecture Hours: 2 Laboratory Hours: 2</td>
</tr>
<tr>
<td>LIB 216</td>
<td>INTRODUCTION TO COLLECTION DEVELOPMENT</td>
<td>3 HRS (OC)</td>
<td>This course is designed to introduce the student to library collection development, focusing on the acquisition of materials, both book and non-book. Topics covered include bibliographic search tools, ordering, receiving and accounting procedures, selection policy, policy development, copyright, and automated acquisitions. Lecture Hours: 3 Laboratory Hours: 0</td>
</tr>
<tr>
<td>LIB 222</td>
<td>SPECIAL TOPICS FOR LIBRARY TECHNICAL ASSISTANTS</td>
<td>1-3 HRS (OC)</td>
<td>This course will cover various issues of concern to Library Technical Assistants. The content of these courses will vary depending on the needs of the library. Topics may include: cataloging, reference, technical services, and public relations. Lecture Hours: 1-3</td>
</tr>
<tr>
<td>LIB 231</td>
<td>INTRODUCTION TO PATRON SERVICES</td>
<td>3 HRS (OC)</td>
<td>This course is designed to provide a basic understanding of the operations of library public services departments. Emphasis will be on library organization and policies, circulation, interlibrary loan, security, collection management, information services, and public relations and programs. Lecture Hours: 3</td>
</tr>
<tr>
<td>LIB 250</td>
<td>LIBRARY PRACTICUM</td>
<td>1-3 HRS (OC)</td>
<td>Prerequisite: Completion of required Library Technology courses or department approval. This course provides supervised work experience in a public, academic, special or school library. Emphasis is on applying knowledge gained in course work to practical, on-the-job situations. The student will gain practical experience in various aspects of librarianship. Lecture Hours: 0-3</td>
</tr>
</tbody>
</table>

**Literature**

**LIT 110** INTRODUCTION TO LITERATURE (H3 900) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course, which offers the study and discussion of fiction, poetry, and drama, is designed to enhance the student’s ability to read literature analytically with a keen understanding and heightened appreciation of content and form. Lecture Hours: 3

**LIT 111** THE SHORT STORY AND THE NOVEL (H3 901) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course of extensive reading in prose fiction is designed to enhance the student’s ability to read the short story and the novel analytically with a keen understanding and heightened appreciation of content and form. Lecture Hours: 3

**LIT 115** MYTHOLOGY (H9 901) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course is designed to acquaint the student with the origin and development of classical myths that have greatly influenced modern culture. Lecture Hours: 3

**LIT 117** INTRODUCTION TO POETRY (H3 903) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course introduces the student to poetry in English, the variety of its forms and themes, and methods of interpretation. Lecture Hours: 3

**LIT 119** WOMAN’S LITERATURE (H3 911D) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course introduces the student to literature written by women, exploring its themes and literary/cultural contexts. Lecture Hours: 3

**LIT 120** THE BIBLE AS LITERATURE (H3 901) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course of extensive reading of major sections of the Bible is designed to enable the student to read the Bible as a literary work, understand some of its major stories, themes, and genres, and become more aware of the significance of Biblical allusions in other works of literature and art. Lecture Hours: 3

**LIT 122** LITERATURE OF ETHNIC AMERICA (H3 910D) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This introductory course provides a literary and cultural view of traditions of some of the major racial and cultural minority groups. The student will develop an understanding of experiences relevant to minority writings. As a significant part of the American cultural and literary heritage, there are some significant eras that reinforce the themes, style, forms, and attitudes presented by minority writers. Lecture Hours: 3

**LIT 124** NON-WESTERN LITERATURE 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course of extensive reading in literature is designed to enhance the student’s ability to read and analyze representative masterpieces from a variety of nationalities and epochs. Course introduces students to literature in English or in English translation by writers from non-Western cultures such as Asian, South Asian, African, Caribbean, Middle-Eastern, Pacific Islander, or Latin American. Content includes social, historical, and cultural contexts of literary works; relationship of these writers to literary traditions; terminology and methods of literary analysis and evaluation. Lecture Hours: 3

**LIT 212** BRITISH LITERATURE: BEGINNINGS TO 1800 (H3 912) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course is a survey of representative works illustrating the development of British literature from its beginnings to 1800, with an emphasis on understanding major literary movements in relation to their intellectual, social, and political contexts. Lecture Hours: 3

**LIT 213** BRITISH LITERATURE: 1800 TO THE PRESENT (H3 913) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval or ENGL 110. This course examines a variety of Shakespeare’s plays intensively as illustrations of different phases of his work. Lecture Hours: 3

**LIT 215** AMERICAN LITERATURE: BEGINNINGS TO 1865 (H3 914) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course examines American literature from its beginnings to 1865. Lecture Hours: 3

**LIT 216** AMERICAN LITERATURE: 1865 TO THE PRESENT (H3 915) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course examines American literature from 1865 to the present. Lecture Hours: 3

**LIT 230** RUSSIAN LIFE AND LITERATURE FROM CZARIST TO POST-SOVIET UNION PERIOD (H3 909) 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course examines Russian literature from the Czarist period to the present, with an emphasis on understanding the culture and history of the Czarist time, the Revolution and Communist eras, and the period after the fall of Communism through a study of drama, prose and poetry. Works by Pushkin, Tolstoi, Dostoievski, Chekhov, Pasternak, Babel, Solzhenitsyn, and poets of the period are included. Lecture Hours: 3

**LIT 240** FANTASY LITERATURE 3 HRS (TC) Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course focuses on the expression of fantasy in literature. Lecture Hours: 3
Machine Trades

MACTR 110 PRINT READING - MECHANICAL
This course is designed to familiarize the student with manufacturing and engineering processes and materials through the study of mechanical blueprint reading. Drawings studied include: orthographic projection, sections, auxiliary views, sub- and assembly-prints. Emphasis is placed on processing requirements to attain part-function and tolerances specified. Problems which will enable students to develop an understanding of commonly accepted industrial, design, and machining standards and practices will be assigned. Lecture Hours: 1 Laboratory Hours: 0

MACTR 121 MACHINE TOOL OPERATION I
This course emphasizes safety in construction and correct handling of hand tools, layout tools, some precision and limited precision layout tools. The student is introduced to machine nomenclature and basic tool changes and set-up. The student is required to make projects by following an operation sheet with detailed information outlining set-up, performance of operations, speeds, feeds and tool changes. Lecture Hours: 1 Laboratory Hours: 0

MACTR 122 MACHINE TOOL OPERATION II
Prerequisite: MACTR 121 with a grade of "C" or better or department approval. This course is designed to further experience the use of machine tools. The student is introduced to precision tools and the use of attachments. Selected projects help develop proficiency on machine tools while maintaining close tolerance and achieving specified surface finishes. Lecture Hours: 1 Laboratory Hours: 0

MACTR 123 MACHINE TOOL OPERATION III
Prerequisite: MACTR 122 with a grade of "C" or better or department approval. This course will instruct the student in the safe and correct use of specialized operations dealing with making machine parts requiring assembly and use of fixtures. The student will make temporary fixtures and select feeds, speeds, tools, and operations for efficient machining. Lecture Hours: 1 Laboratory Hours: 0

MACTR 124 SPECIAL MACHINING SKILLS
Prerequisite: MACTR 123 with a grade of "C" or better or departmental approval. This course is designed to give practice in making projects requiring a high degree of skill in machining operations. The student is required to demonstrate accuracy and efficiency in the production of close tolerance tooling and jigs and fixtures. Lecture Hours: 1 Laboratory Hours: 0

MACTR 221 MACHINING INTERNSHIP
Prerequisite: Completion of MACTR 122 and NCTK 212 with a grade of "C" or better. This internship course is a cooperative project between the College and potential apprentice employers and is designed to provide industrial experience in the fields of precision machining, die making, or mold making. The student will be assigned a wide range of related on-the-job machining experiences with a local metalworking manufacturing firm. Lecture Hours: 0 Laboratory Hours: 0

Maintenance

MAINT 101 MAINTENANCE - MECHANICAL REPAIR I
Prerequisite: MAT 094, appropriate math placement score, or departmental approval. This is the first of a two-course sequence in mechanical maintenance and repair. The course sequence is designed principally for people seeking employment or upgrading of skills as maintenance mechanics, repair persons, and building maintenance staff. Lecture Hours: 3 Laboratory Hours: 0

MAINT 102 MAINTENANCE - MECHANICAL REPAIR II
Prerequisite: MAINT 101 with a grade of "C" or better, or department approval. This is the second course in maintenance repair. This course sequence is designed primarily for people seeking employment as mechanics, repairmen, or building maintenance staff. Lecture Hours: 3 Laboratory Hours: 0

MAINT 103 MAINTENANCE - ELECTRICAL REPAIR I
Prerequisite: One year high school algebra or credit or concurrent enrollment in MAT 094 or department approval. This course is designed to provide the student with the fundamental theory necessary to understand and thereby perform electrical maintenance work. Reading schematics, basic electrical topics, electrochemical action, batteries, DC circuits, transformers, AC circuits, electrical measuring instruments, and electrical protective devices will be studied. Lecture Hours: 3 Laboratory Hours: 0

MAINT 104 MAINTENANCE - ELECTRICAL REPAIR II
Prerequisite: MAINT 103 with a grade of "C" or better and employment in this field; or department approval. This course is designed to provide the student with the knowledge and skill necessary to maintain and repair D.C. and A.C. electrical equipment. Topics covered include D.C. equipment, single phase and three phase motors, A.C. controls, and electrical troubleshooting techniques. Lecture Hours: 3 Laboratory Hours: 0

Management

MGMT 113 PRINCIPLES OF MANAGEMENT
This introductory management course is designed to acquaint and orient students as to the role of the various levels of management in public- and private-sector organizations. Emphasis is placed on the management functions of planning, organizing, leading, and controlling. Principles of successful management practice are explored. Lecture Hours: 3 Laboratory Hours: 0

MGMT 114 PRINCIPLES OF SUPERVISION
If there is one constant in today's business world, it is change. Wholesale changes in technologies, in organizational and competitive structure, in the social, economic, and political environments -- all seem to be accelerating more rapidly than before. To operate successfully in this changing environment, organizations need supervisors with the managerial skills and creativity to turn uncertainty into opportunity. This class will equip students with the skills they need to succeed as supervisors in the present and future business world. While learning important supervisory management concepts, they will also learn how to be supervisors -- how to apply the principles of supervision in the real world. Lecture Hours: 3 Laboratory Hours: 0

MGMT 203 SALES MANAGEMENT
This course is a study of the functions of management to the sales operations of companies. Emphasis is on the sales management areas of planning, organizing, communicating, staffing, training, and evaluation. Lecture Hours: 3 Laboratory Hours: 0

MGMT 205 PERSONNEL MANAGEMENT
This course covers the functions of the personnel department in managing an organization's human resources. These functions include: job design, recruitment, selection, training, evaluation, motivation, labor relations, compensation, and safety. The impact of environmental factors on personnel management is covered. Emphasis is placed on E.E.O./A.A., O.S.H.A., and N.L.R.B. rules and regulations, as well as social and economic factors. Lecture Hours: 3 Laboratory Hours: 0

MGMT 211 MANAGING THE SUPPLY CHAIN
This course is a study of fundamental concepts involved in purchase of materials, supplies, and equipment. Emphasis is placed on basic procurement principles, processes, and problems in industrial, governmental, and institutional organizations. Lecture Hours: 3 Laboratory Hours: 0

MGMT 213 MANAGEMENT CASES AND PROBLEMS
Prerequisite: MGMT 113. This course will deal with potential solutions to problems faced by three levels of management in various types of organizations. The use of the Scientific Method in such problem solving will be evident in analyzing various cases and incidents. Special projects will enhance the student's knowledge of how to perform effectively as a manager. Lecture Hours: 3 Laboratory Hours: 0

MGMT 214 MANAGING TECHNOLOGY IN THE OFFICE
This course will provide introductory instruction in the management of the selection of technology and technological services for the business and/or home office. Topics include: planning for effective use of technology to enhance business efficiency, developing selection criteria, disseminating requests for proposals, selecting and working with vendors, managing outsourced projects, as well as avoiding common pitfalls when choosing technology for use in the office. Lecture Hours: 3 Laboratory Hours: 0

MGMT 215 OFFICE MANAGEMENT
This course will study the basic management concepts and problems encountered in administration of an office. Emphasis is placed on developing basic concepts, managing a culturally diverse workforce, and managing and controlling administrative services. Human relations, business information processing systems, including state-of-the-art equipment, records management, ergonomics, office space utilization, problem solving, and improving office systems and productivity are a part of the course. Lecture Hours: 3 Laboratory Hours: 0
Marketing

MKTG 112  PRINCIPLES OF MARKETING  3 HRS. (TC)
This course studies the business activities involved in planning, pricing, promoting, and distributing want-satisfying goods and services to present and potential customers.
Lecture Hours: 3 Laboratory Hours: 0

MKTG 115  RETAILING  3 HRS. (OC)
This course is a study of topics which include: development and present status of the retailing structure, analysis of major store functions, buying, selling, advertising, sales promotion, store operation activities, accounting control, and employment opportunities.
Lecture Hours: 3 Laboratory Hours: 0

MKTG 200  ADVERTISING  3 HRS. (OC)
This course will study all forms of paid, non-personal communication by which an advertiser presents and promotes ideas, goods, and services. The course will include coverage of the economic and social role of advertising, customer research, selection of advertising appeals, media decisions, the creative process, evaluative research, and retail advertising.
Lecture Hours: 3 Laboratory Hours: 0

MKTG 201  SALES  3 HRS. (OC)
This course presents basic principles underlying the sales process. The basic philosophy is to promote understanding of the salesperson's obligation to self, the company, the customer, and society.
Lecture Hours: 3 Laboratory Hours: 0

MKTG 202  CONSUMER MARKETING  3 HRS. (OC)
Prerequisite: MKTG 112. This course provides a comprehensive understanding of consumer buying behavior that guides marketing management decisions. The focus of the course will be directed toward the application of principles, concepts, and activities that influence buying transactions and generate consumer satisfaction.
Lecture Hours: 3 Laboratory Hours: 0

MKTG 207  EVENT PLANNING  3 HRS. (OC)
This course presents the basic principles underlying event planning. Topics covered include: professional meeting management, including conventions, trade shows, special event planning, meeting planners, meeting sponsors, meeting suppliers/ facilities, and meeting service providers.
Lecture Hours: 3 Laboratory Hours: 0

MKTG 260  MARKETING INTERNSHIP  3 HRS. (OC)
Prerequisite: Admission to the Marketing Program and department approval, and the completion of twelve semester hours of business or business-related program courses. This course involves student trainees who are employed at an approved training station with a program of training scheduled by joint agreement of the student, supervisor, and program coordinator. Special assignments including in-house projects, case studies, and/or supplementary reports are required. This course may be repeated two times.
Lecture Hours: 1 Laboratory Hours: 15 or equivalent

Mass Communications

MCOMM 110  INTRODUCTION TO MASS MEDIA (MC 911)  3 HRS. (TC)
This course is an overview of the nature of mass communication and the characteristics, functions and impact of the multiple forms of mass media.
Lecture Hours: 3 Laboratory Hours: 0

MCOMM 113  INTRODUCTION TO RADIO, TV, AND EMERGING MEDIA (MC 914)
A survey of the radio and television industries and the integration of electronic media with the Internet and digital media.
Lecture Hours: 3 Laboratory Hours: 0

MCOMM 160  MASS COMMUNICATION INTERNSHIP I  1-3 HRS. (TC)
Prerequisite: Department approval. This course is designed to provide the student with an on-site educational work experience. The student will work an arranged number of hours per week at a radio or TV station or other appropriate location under the supervision of a mass communication professional. At least five work hours per week per credit hour received or equivalent (summer) plus weekly meetings with a college supervising professor.
Lecture Hours: 0 Laboratory Hours: 5 - 15 or equivalent

MCOMM 214  TV AND MOTION PICTURE PRODUCTION  3 HRS. (TC)
Prerequisite: MCOMM 110 with a grade of “C” or better or MCOMM 113 with a grade of “C” or better. This course is a “hands-on” introduction to the creative, technical and collaborative process of making television programming, films and corporate video.
Lecture Hours: 2 Laboratory Hours: 3

MCOMM 215  MEDIA PERFORMANCE (MC 915)  3 HRS. (TC)
This course develops and applies proper communication skills and techniques for performing on radio, television, podcasts or other audiovisual media.
Lecture Hours: 2 Laboratory Hours: 3

MCOMM 217  AUDIO PRODUCTION (MC 915)  3 HRS. (TC)
Prerequisite: MCOMM 110 or MCOMM 113 or MM 140 or department approval. This course is an introduction to audio recording and production techniques for broadcast, multimedia, Internet and motion picture applications.
Lecture Hours: 2 Laboratory Hours: 3

MCOMM 220  SCRIPTWRITING  3 HRS. (TC)
Prerequisite: COMPASS score of 81 or better and MCOMM 110 or MCOMM 113 or department approval. This course is an introduction to the principles and practices of writing for television, radio, film, and audio/video Internet content. Students will learn how to write properly-formatted and effective scripts for commercials, drama, comedy, news and documentaries.
Lecture Hours: 3 Laboratory Hours: 0

MCOMM 224  HISTORY OF MOVIE PRODUCTIONS (F2 999)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. A study of the historical development of film as an international mass communication medium and the production innovations that have impacted filmmaking as an art form.
Lecture Hours: 3 Laboratory Hours: 0

MCOMM 230  INTERNET AND MOBILE MEDIA PRODUCTION  3 HRS. (TC)
Prerequisite: MCOMM 110 or department approval. This course is an introduction to the technical, creative, and communication skills involved in online video, podcasting, blogging, tweeting and use of social media as means of publishing mass media news, entertainment, and promotional content to the Internet and mobile devices. At the end of the course, students will have a website portfolio of their work.
Lecture Hours: 3 Laboratory Hours: 2

MCOMM 260  MASS COMMUNICATION INTERNSHIP II  1-3 HRS. (TC)
Prerequisite: MCOMM 160 with a grade of “C” or better. This course is designed for students wishing to gain on-site educational work experience. The student will work an arranged number of hours per week at a radio or TV station or other appropriate location under the supervision of a mass communication professional.
Lecture Hours: 0 Laboratory Hours: 5 - 15 or equivalent

Massage Therapy

TM 110  INTRODUCTION TO MASSAGE THERAPY  1 HR. (OC)
This course is designed to introduce students to the profession of massage therapy. An introduction to the basic principles and techniques of massage therapy will be presented. Basic Swedish Massage therapy strokes will be demonstrated and practiced as well as draping and use of oils and lotions.
Lecture Hours: 1 Laboratory Hours: 0.5 or equivalent

TM 111  FUNDAMENTAL MASSAGE TECHNIQUES  2 HRS. (OC)
Prerequisite: Admission to the Massage Therapist Program; TM 110 and BIOL 140 with a grade of “C” or better. Concurrent enrollment in CPR for Healthcare Professionals. This course is a presentation of classic Swedish Massage to relax the musculature as well as increase the blood and lymphatic flow throughout the body. In addition to basic traditional massage techniques, good posture, table mechanics, touch and pressure sensitivity, and professional conduct, such as draping, are practiced. The history of massage, benefits, contraindications, and therapist self-care issues will be discussed.
Lecture Hours: 1 Laboratory Hours: 3 or equivalent
TM 112 APPLIED ANATOMY AND PHYSIOLOGY FOR THE BODYWORKER
Prerequisite: Admission to Therapeutic Massage Program and TM 110 and BIOL 140 with a grade of "C" or better. This is an extensive course specifically designed for massage therapy students. It includes a thorough examination of the following: muscles (their origins, insertions, and actions), bones, nerves, and functions of the body's systems. Class time is divided between lecture and hands-on experience to enable the students to integrate the material fully, including building the muscles on a plastic model. Emphasis is placed on studying and analyzing human structure and its effect on body functions.
Lecture Hours: 2 Laboratory Hours: 2

TM 113 PROFESSIONAL ISSUES FOR THE BODYWORKER
Prerequisite: Admission to Therapeutic Massage Program; BIOL 140 and TM 110 with a grade of "C" or better. In this course the professional practice of massage therapy involves both providing a service to clients and working within a community of health care practitioners. An introduction to the business side of massage therapy includes topics of interest to the small business owner, as well as to the employees and independent worker.
Lecture Hours: 1.5 Laboratory Hours: 0

TM 114 PATHOLOGY, DOCUMENTATION, AND TERMINOLOGY FOR THE BODYWORKER
Prerequisite: Admission to Therapeutic Massage Program; BIOL 140 and TM 110 with a grade of "C" or better. In this course students will receive an overview of pathological conditions commonly confronted by massage therapists, medical terminology by which to recognize such conditions, and the procedures to document the information.
Lecture Hours: 2.5 Laboratory Hours: 0

TM 115 CONCEPTS OF HOLISTIC HEALTH
Prerequisite: Admission to the Massage Therapist Program; TM 110 and BIOL 140 with a grade of "C" or better. This course is a study of the art and science of healing that addresses the whole person-body, mind and spirit. The many facets of health and wellness and their relationship to massage and the massage therapist are explored, as well as stress management and core strengthening. Integrating conventional and complementary therapies to promote optimal health and to prevent and treat disease will be introduced.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

TM 120 THERAPEUTIC MASSAGE CLINICAL I
Prerequisite: TM 111, 112, 113, 114, 115 with a grade of "C" or better; FCS 110, HLTH 120 and PSY 110 with a "C" or better or concurrent enrollment. Current CPR certification for healthcare professionals. This course applies the principles, techniques, and procedures practiced and learned in the classroom and lab to members of the community in a clinical setting. Under the direction of the clinical supervisor, students are expected to review client intake information to determine possible contraindications; demonstrate proper ethics, client/therapist communication skills, proper draping techniques, and safety and sanitary precautions; and perform a body massage utilizing basic Swedish Massage techniques, properly documenting the session in the client's record.
Lecture Hours: 0 Laboratory Hours: 3 or equivalent

TM 121 ADDRESSING THE MUSCLE
Prerequisite: TM 112 and TM 114 with a grade of "C" or better. This course reviews the specific therapeutic massage techniques incorporated in achieving the deep layers via manual manipulation, including mobilization, stretching, and hydrotherapy.
Lecture Hours: 2 Laboratory Hours: 4.5

TM 122 MASSAGE THERAPY TECHNIQUES, VARIATIONS, AND APPLICATIONS
Prerequisite: TM 112, TM 114, TM 115 with a grade of "C" or better. This course teaches students to apply massage technique variations including muscle/soft tissue manipulation, hot stone massage, meridian points, and/or energy work.
Lecture Hours: 2 Laboratory Hours: 3

TM 125 APPLIED KINESIOLOGY FOR THE BODYWORKER
Prerequisite: TM 112 and TM 114 with a grade of "C" or better. This course is designed to give students a basic knowledge of movement and the interrelationship of the neurological, muscular, and skeletal systems. Through both lecture and laboratory experiences, students will learn the skills of manual muscle testing as well as movement analysis.
Lecture Hours: 2.5 Laboratory Hours: 1.5 or equivalent

TM 127 THERAPEUTIC MASSAGE CLINICAL II
Prerequisite: TM 120 with a grade of "C" or better. This course continues the learning experience of TM 120 Therapeutic Massage Clinical I, requiring the massage student to engage more deeply in critical thinking, safety, assessment and documentation. In the student clinical setting, therapeutic massage students will have the opportunity to apply the massage principles, techniques, and procedures in a professional therapeutic massage environment to members of the community. Additionally, the students will engage in practice exams to prepare for the state license exam.
Lecture Hours: 0 Laboratory Hours: 7.5 or equivalent

Mathematics

MATH 110 CONCEPTS OF MATHEMATICS (M1 904)
Prerequisite: (1.) COMPASS reading score of 81 or higher, or equivalent, or department approval and (2.) MAT 095 Geometry or high school equivalent with a grade of "C" or better or appropriate placement score and (3.) MAT 098 or two years of high school algebra with a grade of "C" or better or MAT 098 with a grade of "C" or better or appropriate placement score or department approval. This course introduces the nature of mathematics through a study of elementary logic, set theory, statistics, geometry, and the mathematics of finance. The course will focus on mathematical reasoning and real-life problem solving. This is not intended to be a survey course or a math appreciation course.
Lecture Hours: 3 Laboratory Hours: 0

MATH 111 GENERAL EDUCATION STATISTICS (M1 902)
Prerequisite: (1.) COMPASS reading score of 81 or higher, or equivalent, or department approval and (2.) MAT 095 Geometry or high school equivalent with a grade of "C" or better or appropriate placement score or department approval. This course includes a study of frequency distribution, graphs (histograms, pie charts, etc.), measures of location (mean, median, mode, and percentile), measures of dispersion (variance, standard deviation), probability, estimating and predicting, normal distribution, binomial distribution, and correlation. This course will emphasize the quantitative portion of descriptive statistics—gathering, analyzing, presenting and interpreting data.
Lecture Hours: 3 Laboratory Hours: 0

MATH 115 COLLEGE ALGEBRA
Prerequisite: MAT 098 with a grade of "C" or better or an appropriate score on the math placement test. This course emphasizes both algebraic and graphical approaches to college algebra. Topics include functions, relations, and inverses with emphasis on polynomial, rational, exponential, and logarithmic functions; systems of equations and inequalities; and theory of equations.
Lecture Hours: 3 Laboratory Hours: 0

MATH 120 COLLEGE TRIGONOMETRY
Prerequisite: MAT 095 and 098 with a grade of "C" or better or equivalent. This course includes a study of the trigonometric functions and their graphs, radian measure, inverse trigonometric functions, solutions of triangles, trigonometric identities and equations, and roots of complex numbers.
Lecture Hours: 3 Laboratory Hours: 0

MATH 122 DISCRETE MATHEMATICS I (M1 905 CS 915)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and MATH 115 with a grade of "C" or better or equivalent or department approval. This course covers directed and undirected graphs including trees and routing; combinatorics and counting principles; logic, functions, relations and sets; Boolean Algebra and switching theory; and finite state machines. Application problems from the field of computer science will be studied such as speed of sorting, database management, and routing in networks.
Lecture Hours: 3 Laboratory Hours: 0

MATH 130 TECHNICAL ALGEBRA AND TRIGONOMETRY
Prerequisite: MAT 095 and MAT 098 with a grade of "C" or better, or MAT 106 with a grade of "C" or better, or two years of high school algebra, one year of high school geometry and an appropriate score on the math placement test. This course includes the topics: approaches to problem solving, dimensional analysis, the basic use of the calculator and computer, selected topics from college algebra, trigonometry, analytic geometry, and statistics. Included will be systems of equations, basic trigonometric functions, right triangle solutions, two dimensional vectors, common and natural logarithms, and basic conic sections. Scientific calculators and computer software are used.
Lecture Hours: 5 Laboratory Hours: 0
MATH 134  FINITE MATH (M1 906)  4 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval, and MATH 115 with a grade of "C" or better or equivalent. This course covers topics from college algebra with emphasis on systems of linear equations and inequalities, matrix theory, linear programming, probability, statistics, and mathematics of finance. Application problems are chosen from the fields of business and social science.
Lecture Hours: 4 Laboratory Hours: 0

MATH 135  CALCULUS FOR BUSINESS AND SOCIAL SCIENCES (M1 900B)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval, and MATH 115 with a grade of "C" or better. This course covers the basic ideas of calculus including differentiation and integration of polynomial, logarithmic and exponential functions. Application problems are chosen from the fields of business and social science.
Lecture Hours: 4 Laboratory Hours: 0

MATH 137  TECHNICAL CALCULUS
Prerequisite: MATH 130 or equivalent. This course covers topics which include: functions, limits, derivatives, anti-derivatives, integrals, and applications of the definite integral. Emphasis is placed on the physical significance of the derivative and integral to enable the student to relate to the basic underlying mathematical principles.
Lecture Hours: 2 Laboratory Hours: 3

MATH 155  PRECALCULUS
Prerequisite: MAT 098 with a grade of C or better, or an appropriate score on the math placement test. NOTE: If a student has not previously completed a high school course in trigonometry, enrollment in the separate courses MATH 115 and MATH 120 is recommended. Students may not earn credit for both MATH 115/120 and MATH 165. This course is intended to provide a solid foundation in the skills of algebra and trigonometry that are required for success in elementary calculus. Algebraic topics will include: properties of functions and graphs that are commonly used in calculus, conic sections, solving equations and higher order systems of equations, and sequences and series. Trigonometry topics will include: numerical aspects, including Laws of Sines and Cosines; trigonometry identities and equation solving; powers and roots of complex numbers; and radian measure and conversion. This course will make use of current technology.
Lecture Hours: 5 Laboratory Hours: 0

MATH 190  MATHEMATICAL REASONING FOR THE ELEMENTARY TEACHER I
Prerequisite: MAT 095 with a grade of "C" or better and MAT 098 with a grade of "C" or better or appropriate math placement test scores for both courses or department approval. This course is designed to deepen mathematical understanding by providing opportunities to develop problem-solving and reasoning skills. In order to develop depth of understanding, the course concentrates on problems involving fractions, percents, place value and decimals.
Lecture Hours: 3 Laboratory Hours: 0

MATH 200  MATHEMATICS FOR ELEMENTARY TEACHERS I
Prerequisite: MAT 095 with a grade of "C" or better and MAT 098 with a grade of "C" or better or appropriate math placement test scores for both courses or department approval. This course is designed to reinforce and strengthen the prospective elementary teacher's knowledge of the structure of the real number system and the mathematical operations that can be performed within that system. The historical development of the system will be discussed along with many of the applications that an understanding of elementary mathematics permits. Mathematical reasoning and problem solving are consistent themes throughout the course.
Lecture Hours: 4 Laboratory Hours: 0

MATH 201  MATHEMATICS FOR ELEMENTARY TEACHERS II (M1 903)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval, and MATH 190 or MATH 200 with a grade of "C" or better or department approval. This course is designed to survey and to expand the mathematical concepts needed to teach a modern mathematical program in grades K-9 and prepare teachers and prospective teachers for future changes in mathematics curricula. The course includes a study of logic and problem-solving, graphing and analysis of relations, functions and statistical data, non-metric and informal geometry, estimating and measuring, the metric system, and use of calculating devices.
Lecture Hours: 2 Laboratory Hours: 2

MATH 211  STATISTICAL ANALYSIS (M1 902)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval and MAT 095 and MATH 115 with a grade of "C" or better or equivalent. This course includes the study of frequency distribution, measures of central tendency, probability, statistical decision-making, testing hypothesis, analysis of variance, estimating and predicting.
Lecture Hours: 3 Laboratory Hours: 2

MATH 222  CALCULUS AND ANALYTIC GEOMETRY I (M1 9001 MTH 901)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval: MATH 115 and MATH 120 with grades of "C" or better, or MATH 165 with a grade of "C" or better, or an appropriate score on the math placement test or equivalent. This is the first course of a three-semester sequence in Analytic Geometry and Calculus. The course includes the analytic geometry of lines and circles, limits and continuity of functions of one variable and an introduction to the derivative and the definite integral along with applications and the fundamental theorem of calculus.
Lecture Hours: 5 Laboratory Hours: 0

MATH 223  CALCULUS AND ANALYTIC GEOMETRY II (M1 9002 MTH 902)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval, and MATH 222 with a grade of "C" or better or equivalent. This course is a continuation of MATH 222 and includes the analytic geometry of conic sections, the study of calculus as related to transcendental functions including trigonometric, logarithmic, exponential and hyperbolic functions and their inverses, techniques of integration, indeterminate forms, improper integrals, and infinite series and Taylor's theorem.
Lecture Hours: 4 Laboratory Hours: 0

MATH 224  CALCULUS AND ANALYTIC GEOMETRY III (M1 9003 MTH 903)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval, and MATH 223 with a grade of "C" or better or equivalent. This course is a continuation of MATH 223 and includes parametric curves, vectors in two and three dimensions, vector valued functions, curves and surfaces in space, curvature, acceleration, quadratic surfaces, functions of several variables, partial derivatives and applications, Lagrange multipliers, multiple integrals and integration with polar, cylindrical, and spherical coordinates.
Lecture Hours: 4 Laboratory Hours: 0

MATH 230  LINEAR ALGEBRA
Prerequisite: MATH 223 with a grade of "C" or better. This course is a study of finite dimensional vectors, matrices, linear equations, vector spaces and subspaces, linear transformations, determinants and appropriate applications.
Lecture Hours: 3 Laboratory Hours: 0

MATH 250  DIFFERENTIAL EQUATIONS (MTH 912)
Prerequisite: MATH 223 with a grade of "C" or better. This course includes first order (e.g., separable, linear, exact) with applications and simple higher order ordinary differential equations; linear independence and the Wronskian; linear differential equations with constant coefficients along with systems and applications; variation of parameters and undetermined coefficients; solution by means of Laplace transforms, solutions of partial differential equations, solution by power series and numerical methods. Prior knowledge of the basic concepts of physics is recommended.
Lecture Hours: 3 Laboratory Hours: 0

Mathematics (non-transfer)

MAT 092  INTRODUCTION TO MATHEMATICS  3 HRS. (BEC)
Prerequisite: Placement into MAT 092 is according to placement test scores or on a voluntary basis. This course is designed for students who need to review basic arithmetic skills before taking Beginning Algebra (MAT 094 - formerly MAT 104). Topics include basic operations and applications of whole numbers, fractions, decimals, signed numbers and an introduction to algebra. As calculators are not permitted in MAT 092 except for enrichment purposes, students must be able to add, subtract, multiply and divide without the aid of a calculator. Students who have completed one year of high school algebra should consider enrolling in Beginning Algebra. Repeatable up to a maximum of three times.
Lecture Hours: 3 Laboratory Hours: 0

MAT 094  ELEMENTARY ALGEBRA  5 HRS. (BEC)
Prerequisite: Placement into MAT 094 is according to placement test scores or on a voluntary basis. This course is specifically designed for the student with less than one year of credit in high school algebra or for the student who needs a review of elementary algebra. It is considered equivalent to the standard first-year course in algebra. Topics include real numbers, linear equations and inequalities, systems of equations, exponents, polynomials, factoring, quadratic equations, and rational expressions and equations. Repeatable up to three times.
Lecture Hours: 5 Laboratory Hours: 0

MAT 095  ELEMENTARY GEOMETRY  3 HRS. (BEC)
Prerequisite: One year of high school algebra or concurrent enrollment in MAT 094. This course is designed for the student with less than one year of credit in high school geometry or for the student who desires a review of elementary geometry. The basic concepts of the standard first-year course in geometry are covered.
Lecture Hours: 3 Laboratory Hours: 0
MAT 097 ELEMENTARY ALGEBRA REVIEW 2 HRS. (BEC)
Prerequisite: One year of high school algebra (or equivalent) and department approval or by placement test scores. This course is specifically designed for the student with one or more years of credit in high school algebra who needs a brief review of elementary algebra. Students who need more than a brief review should enroll in MAT 094. Topics include real numbers, linear equations and inequalities, systems of equations, exponents, polynomials, factoring, quadratic equations, and rational expressions and equations. Repeatable up to a maximum of three times. Lecture Hours: 2 Laboratory Hours: 0

MAT 098 INTERMEDIATE ALGEBRA 3 HRS. (BEC)
Prerequisite: MAT 094 or 097 with a grade of "C" or better or an appropriate score on the math placement test. This course includes work in linear and quadratic equations, systems of equations, exponents, radicals, functional relationships, and logarithms. It also includes work in graphing linear, quadratic, square root, cubic, exponential, and logarithmic functions. The course is designed for students who have had a minimum of one year of high school algebra or those needing a review of second-year high school algebra. Lecture Hours: 3 Laboratory Hours: 0

MAT 099 MATHEMATICAL LITERACY FOR COLLEGE STUDENTS 6 HRS. (BEC)
Prerequisite: A grade of "B" or higher in MAT 092 (or equivalent) and department approval or by placement test scores. This course is one semester course for non-math and non-science majors integrating numeracy, proportional reasoning, algebraic reasoning, and functions. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. Throughout the course, college success content will be integrated with mathematical topics. Credit earned does not count toward any degree, nor does it transfer. Upon successful completion of the course, students will be prepared to take MATH 110 or MATH 111. This course is not a prerequisite course for MATH 115. Lecture Hours: 6 Laboratory Hours: 0

MAT 106 APPLIED ALGEBRA, GEOMETRY AND TRIGONOMETRY 4 HRS. (OC)
Prerequisite: MAT 094 or equivalent. This course presents the practical application of arithmetic, algebra, geometry, and trigonometry. Emphasis is placed on calculations, areas, volumes and weights, and special shop applications. Applying problem-solving techniques to industrial applications will be stressed. Lecture Hours: 3 Laboratory Hours: 0

Mechanical Technology

MECTK 106 BASIC DRAFTING 2 HRS. (OC)
This introductory course in drafting is for students who either did not have a previous drafting course or wish a review of previous work taken. Lecture Hours: 1 Laboratory Hours: 3

MECTK 110 INTRODUCTION TO THE TOOLS OF TECHNOLOGY 3 HRS. (OC)
Prerequisite: MAT 094 with a grade of "C" or better or one year of high school algebra. This course introduces the student to the industrial fields of design and manufacturing and explores the communication and computing tools used by technologists working in these fields. The student will work as part of a team assigned to carry a project from design to production. The course will integrate computer applications with modern design and manufacturing theory. Computer applications including word processing, spreadsheets, database management, graphics, and problem solvers will be explored in classroom instruction and hands-on computer laboratory experiences. Students will explore the occupational field they have chosen and how it compares with other technical fields. Members of the technology faculty and guests from industry will interact with students and provide career guidance. Lecture Hours: 2 Laboratory Hours: 4

MECTK 111 TECHNICAL DRAFTING 2 HRS. (OC)
Prerequisite: High school drafting. This is a post-secondary level mechanical drafting course which discusses the principles of orthographic projection, section and auxiliary views, and dimensioning systems as they apply to the maintenance and machine shop environment. Lecture Hours: 1 Laboratory Hours: 3

MECTK 115 PRINCIPLES OF DIMENSIONAL METROLOGY 2 HRS. (OC)
This theory and laboratory course is designed to develop dimensional measurement understanding and ability. Topics covered include the traditional concepts of mechanical contact measurement, the principles of standards, comparison measurement, piece-part features, calibration of instruments, and non-traditional techniques of non-contact measurement. Lecture Hours: 1 Laboratory Hours: 3

MECTK 121 INTRODUCTION TO MECHANICAL DRAWING WITH AUTOCAD (IND 911) 3 HRS. (OC)
Prerequisite: MECTK 106 with a grade of "C" or better or equivalent and passing score on the drafting placement test. In this course, computer-aided drafting will be explored as students review basic principles of orthographic projection, pictorial views, sectioning and auxiliary views. Two-dimensional problems will be explored using AutoCAD software. Students will gain experience creating and editing graphic entities as they construct mechanical working drawings. Lecture Hours: 2 Laboratory Hours: 3

MECTK 125 3-D MODELING WITH PRO-ENGINEER 3 HRS. (OC)
Prerequisite: MECTK 121 with a grade of "C" or better. This course will provide mechanical design students with advanced 3-D (dimensional) parametric solid modeling, assemblies and drawings. Students will develop professional skills in designing and solving these problems via the CAD (computer-aided design) workstation. Lecture Hours: 2 Laboratory Hours: 4

MECTK 138 MANUFACTURING PROCESSES I (IND 913) 3 HRS. (OC)
This course is designed to provide an understanding of the basic principles and practices used in traditional manufacturing. Topics covered include: productivity, automation and design principles; metal removal methods; and metal forming methods. Considerable emphasis is placed on creating process planning schedules. The role of the manufacturing engineer is covered, with emphasis on how the student selects the best manufacturing process to most economically perform the required series of manufacturing operations to produce quality parts. Lecture Hours: 2 Laboratory Hours: 3

MECTK 149 BASIC POWER TRANSMISSION 2 HRS. (OC)
Prerequisite: MAT 094 with the grade of "C" or better. This course is the first of a three-course sequence. Basic Power Transmission provides the student with basic knowledge and hands-on experience of mechanical processes used by industry. Students will become proficient in mechanical areas including: precision measuring using micrometers and gage blocks, bolt identification and torque specifications, proper dial indicator use and thread repair procedures. Students will also be instructed in the proper and safe use of tools. The other two courses in this sequence are MECTK 150 and 151. Lecture Hours: 1 Laboratory Hours: 3

MECTK 150 MECHANICAL SYSTEMS I 2 HRS. (OC)
Prerequisite: MECTK 149 with a grade of "C" or better. This course is the second of a three-course sequence. Mechanical Systems I provides the student with basic knowledge and hands-on experience of mechanical systems used by industry. Students will become proficient in mechanical areas including: component and shaft alignment, bearings, v-belt and chain drives, couplings, and spur gears. Students will also be instructed in the proper and safe use of tools. The other two courses in this sequence are MECTK 149 and MECTK 151. Lecture Hours: 1 Laboratory Hours: 3

MECTK 151 MECHANICAL SYSTEMS II 2 HRS. (OC)
Prerequisite: MECTK 150 with a grade of "C" or better. This course is the third of a three-course sequence. Mechanical Systems II provides the student with knowledge and hands-on experience of mechanical systems used by industry. Students will become proficient in mechanical areas including: precision bearing installation, setting thrust bearing pre-load, packing and seals, crankcases, and way scraping. Lecture Hours: 1 Laboratory Hours: 4

MECTK 152 INDUSTRIAL RIGGING 2 HRS. (OC)
Prerequisite: MAT 094 or appropriate math placement score. This course introduces the student to working within an industrial facility. Content includes topics on: chains and hoists, rigging, layout and fabrication, and machine setup. Structured laboratory experiences provide the maintenance mechanic student with industrial experiences. OSHA regulations will be reviewed and followed. Lecture Hours: 1 Laboratory Hours: 3

MECTK 155 PIPING SYSTEMS 1 HR. (OC)
This course was designed to introduce the student to lay out and fabricate piping systems. Students will learn the theory behind fluid systems including: air, water, oil, and steam. Students will research piping requirements, lay out the piping systems and then fabricate them. Lecture Hours: 5 Laboratory Hours: 2
MECTK 204 STATICS AND STRENGTH OF MATERIALS 4 HRS. (OC)
Prerequisite: PHYS 112. This course is an introduction to the analysis of 2-D (di-
mensional) force systems applied to static machine elements. Methods of calculat-
ing the stresses produced by the force systems are introduced. Emphasis is placed
on the calculation of axial, bending, and torsional stresses and combinations of
those stresses. The concept of principal stress is introduced. The laboratory is de-
signed to supplement the classroom presentation and involves measuring forces
and stresses with electronic instrumentation.
Lecture Hours: 2 Laboratory Hours: 3

MECTK 222 MACHINE DESIGN II 3 HRS. (OC)
Prerequisite: MECTK 121 or equivalent, MECTK 204. This course is a continuation
of MECTK 204 in that it involves more complicated statics problems and stress cal-
culations. The concept of principal stress is further developed. Principal stress direc-
tions are used to gain an insight into component failure analysis. The topic of fatigue
design and theories of failure are introduced. The above concepts of stress analysis
are applied to springs, drive shafts, gears, bearings, bolts, and welds. A realistic de-
sign project is carried out in the laboratory with emphasis on project management.
Lecture Hours: 2 Laboratory Hours: 3

MECTK 226 STATISTICS AND QUALITY CONTROL (IND 914) 3 HRS. (OC)
Prerequisite: MECTK 138 and MATH 106 both with a grade of “C” or better; or de-
partment approval. This course is designed to provide training in fundamentals
basic to control and improvement of quality of materials, products, processes, serv-
ices and systems. The principles of industrial statistics are applied to analysis of
data, control of product and process and the evaluation of performance of men,
materials, equipment and systems in meeting design specifications for products or
services during production and end use.
Lecture Hours: 2 Laboratory Hours: 3

MECTK 231 INDUSTRIAL FLUID POWER 3 HRS. (OC)
Prerequisite: Credit or concurrent enrollment in MAT 106. This course is a study of
the basic components of hydraulic and pneumatic systems and how they are
combined to build circuits for machine tools and mobile equipment. Emphasis is
on reading and understanding fluid power circuit diagrams. Laboratory experiments
allow discovery of power management and motion control strategies currently used
on machinery. Control strategies in laboratory experiments include pressure, relay
logic, and programmable controller. Content of the course is modeled after the
content of the Fluid Power Society certification test for hydraulics technician.
Lecture Hours: 2 Laboratory Hours: 3

MECTK 232 MATERIALS SCIENCE AND PHYSICAL METALLURGY 3 HRS. (OC)
Prerequisite: MECTK 138 with a grade of “C” or better or MACTR 122 with a grade
of “C” or better or department approval. This course is a study of basic chemical and
physical principles determining the nature, behavior and treatments of materials;
modification of structure and mechanical properties. Practice in applying laboratory
methods is provided primarily as used for examination, treatment and evaluation of
metals and alloys.
Lecture Hours: 2 Laboratory Hours: 3

MECTK 238 MANUFACTURING PROCESSES II 3 HRS. (OC)
Prerequisite: MECTK 138. This course is a continuation of MECTK 138, including
how processes are selected, what they can be expected to do, how they can be
utilized most efficiently, and what is required to analyze and evaluate them. Topics
covered include: metal working and forging; metal deposition; casting and molding;
welding methods; heat-treatment; non-traditional machining; surface finishing and
material selection. Considerable emphasis is placed on manual and computer-aided
process planning.
Lecture Hours: 2 Laboratory Hours: 3

Medical Laboratory
MEDLB 125 HISTOLOGY I: GENERAL TECHNIQUES 8 HRS. (OC)
Prerequisite: BIOL 140, CHEM 120, CHEM 122, and BIOL 210 or equivalent
courses with a minimum G.P.A. of 2.00 and department approval. This course
includes an orientation to the histology laboratory and the instrumentation. Focus
is on preparation of routine stained tissue slides, including tissue histology, and
 techniques for tissue fixation, processing, microtomy, and staining. Lectures and
supervised clinical practice in a histology laboratory are included.
Lecture Hours: 2 Laboratory Hours: 18

MEDLB 126 HISTOLOGY II: SPECIAL STAINS 5 HRS. (OC)
Prerequisite: MEDLB 125 with a grade of “C” or better. This course builds on skills
acquired in MEDLB 125, with focus on special staining techniques and improved
competence in microtomy and preparation of finished slides. Basic immunology as
applied to the theory of staining is studied. Lectures and supervised clinical practice
in a histology laboratory are included.
Lecture Hours: 1 Laboratory Hours: 12

Medical Laboratory Technology
MLT 101 INTRO TO MEDICAL LABORATORY SCIENCE 1 HR. (OC)
This course is an introduction to the medical laboratory science profession. It is an
overview of the profession of medical technology, purposes and techniques of blood
and body fluid analysis in the clinical laboratory, and the use of this scientific data in
determination of an individual’s health condition. Lectures and student laboratories
are included.
Lecture Hours: 0.5 Laboratory Hours: 1 or equivalent

MLT 102 INTRODUCTION TO GENERAL MEDICAL LABORATORY TECHNIQUES 1 HR. (OC)
This course is an introduction to the medical laboratory techniques which
addresses basic techniques used in medical laboratories from using pipette,
making dilutions, streaking plates for microorganism cultivation to phlebotomy.
Various testing methods and testing procedures will be introduced. Lectures and
student laboratories are included.
Lecture Hours: 0.5 Laboratory Hours: 1 or equivalent
### Course Descriptions

#### Medical Office

**MEDO 110** Medical Assistant Administrative Skills 4 HRS. (OC)
- Prerequisite: Admission to the Medical Assistant Program. This course provides an overview of medical administrative functions, including clerical functions, bookkeeping procedures, processing insurance claims, and legal and ethical concepts.
- Lecture Hours: 4 Laboratory Hours: 0

**MEDO 111** Medical Assistant Clinical Procedures 4 HRS. (OC)
- Prerequisite: Completion of BIOL 140, MEDO 110, MEDO 112, and HEDUC 112 with a grade of "C" or better. This course is designed to provide the student with the opportunity to perform basic medical laboratory tests that are performed in medical offices, to practice good medical laboratory techniques, and to maintain lab equipment.
- Lecture Hours: 2 Laboratory Hours: 4

**MEDO 112** Medical Office Computer Skills 1 HR. (OC)
- Prerequisite: Admission to the Medical Assistant Program. This course studies the medical office from a business-administrative standpoint, including clerical functions, bookkeeping procedures, processing insurance claims, and legal and ethical concepts.
- Lecture Hours: 0.5 Laboratory Hours: 1

**MEDO 114** Clinical Laboratory Skills for Medical Assistants 4 HRS. (OC)
- Prerequisite: MATH 110 (CLT 110) and admission to the Medical Assistant Program. This course is designed to provide the student with the opportunity to perform basic medical laboratory tests that are performed in medical offices, to practice good medical laboratory procedures, and to properly clean and maintain lab equipment.
- Lecture Hours: 4 Laboratory Hours: 0

**MEDO 115** Introduction to ICD-10-CM and ICD-10-PCS Coding 3 HRS. (OC)
- Prerequisite: HLTH 121 or department approval. This course is designed to introduce the student to the concepts of coding medical conditions and procedures. Through guided instruction and practical experience, students will become familiar with an entry-level proficiency in the techniques of coding using the ICD-10-CM (International Classification of Diseases, 10th revision, Clinical Modification) and ICD-10-PCS (International Classification of Diseases, 10th revision, Procedure Coding System).
- Lecture Hours: 3 Laboratory Hours: 0

#### Medical Laboratory Technology

**MLT 110** Introduction to the Medical Laboratory and Phlebotomy 2 HRS. (OC)
- Prerequisite: Admission to the Medical Laboratory Technician Program, Phlebotomist Program, or department approval. This course is an introduction to the clinical laboratory: its functions, its personnel structure, and its relationship to the total healthcare system. Venipuncture techniques, micro puncture techniques, phlebotomy equipment, safety practices, and medico-legal aspects are also studied.
- Lecture Hours: 1 Laboratory Hours: 2 or equivalent

**MLT 112** Phlebotomy Clinical Practicum 2 HRS. (OC)
- Prerequisite: MLT 110 with a grade of "C" or better or department approval. This course is a phlebotomy clinical practicum consisting of supervised phlebotomy experiences in a local hospital. Venipunctures, micro punctures, safe techniques, interpersonal communication, ethics, and professionalism will be practiced.
- Lecture Hours: 0 Laboratory Hours: 6.5

**MLT 115** Fundamentals of Urinalysis and Body Fluids 3 HRS. (OC)
- Prerequisite: Admission to Medical Laboratory Technician program or department approval. This course is an introduction to the study of urine and body fluids. Course studies urine formation including function and diseases of the kidney. Main focus is on detection of physical, chemical, and microscopic properties of urine in normal and abnormal states. Content also includes discussion of miscellaneous fluid analysis, cerebrospinal fluid analysis, and fecal occult blood analysis. Additional practice on basic medical laboratory techniques will be emphasized.
- Lecture Hours: 2 Laboratory Hours: 2 or equivalent

**MLT 116** Fundamentals of Immunology and Serology 2 HRS. (OC)
- Prerequisite: Admission to the Medical Laboratory Technician program or department approval. This course is a study of the basic immunological principles to provide a general orientation to immunology. It will focus on antigen and antibody structures and how they relate to immune system disorders. Immunologic principles of laboratory diagnosis of human infectious diseases are emphasized. Lectures and student laboratories are included.
- Lecture Hours: 1.5 Laboratory Hours: 1 or equivalent

**MLT 210** Fundamentals of Hematology and Hemostasis 3 HRS. (OC)
- Prerequisite: MLT 115 and MLT 116 with a grade of "C" or better or department approval. This course is a study of basic laboratory techniques in hematology and hemostasis. The course covers the theories and principles of normal blood cell production. Identification of blood cells and their morphology along with the laboratory techniques used in cell counts and differentials are included in lectures and student laboratories. This course also discusses the four major systems of hemostasis and common diseases associated with these systems.
- Lecture Hours: 1.5 Laboratory Hours: 3 or equivalent

**MLT 214** Fundamentals of Clinical Chemistry 2.5 HRS. (OC)
- Prerequisite: MLT 115 and MLT 116 with a grade of "C" or better or department approval. This course is an introduction to basic principles and practices of clinical chemistry. It will include automation, specimen handling, quality control, chemical mathematics, electrolytes, proteins, carbohydrates, enzymes, and trace elements. Lectures and student laboratories are included.
- Lecture Hours: 2 Laboratory Hours: 4 or equivalent

**MLT 216** Fundamentals of Immunohematology 4 HRS. (OC)
- Prerequisite: MLT 116 with a grade of "C" or better; or department approval. This course is a study of the basic principles and laboratory techniques of immunohematology. It will focus on antigen and antibody in relation to transfusion and donor services. Lectures and student laboratories are included.
- Lecture Hours: 2 Laboratory Hours: 1

**MLT 218** Fundamentals of Clinical Microbiology 3 HRS. (OC)
- Prerequisite: MLT 115 and MLT 116 with a grade of "C" or better; or department approval. This course is an introduction to clinical microbiology which includes collection and handling of biological specimens and bacteria identification techniques. Commonly encountered bacteria will be covered. Lecture and student laboratories are included.
- Lecture Hours: 1.5 Laboratory Hours: 3 or equivalent

**MLT 220** Advanced Clinical Hematology 2 HRS. (OC)
- Prerequisite: MLT 210 with a grade of "C" or better. This course focuses on disorders of blood cells including anemias, leukemias, and other white blood cell neoplasms. Lectures and student laboratories are included.
- Lecture Hours: 1.5 Laboratory Hours: 1 or equivalent

**MLT 222** Applied Clinical Experience I 4 HRS. (OC)
- Prerequisite: MLT 115, MLT 116, MLT 210, MLT 214, MLT 216 and MLT 218 with a grade of "C" or better on each course. This course is a clinical experience in the disciplines of phlebotomy, urinalysis, and basic testing procedures in immunohematology/blood banking, hematology, microbiology, chemistry, and immunology/serology.
- Lecture Hours: 0 Laboratory Hours: 12 or equivalent

**MLT 224** Advanced Clinical Chemistry 2 HRS. (OC)
- Prerequisite: MLT 214 with a grade of "C" or better. This course is a continuation of MLT 214 with emphasis on pathophysiology and testing related to liver function, endocrine function, lipid metabolism, toxicology testing, therapeutic drug monitoring, tumor markers, cardiac markers, and blood gases. Lectures and student laboratories are included.
- Lecture Hours: 1.5 Laboratory Hours: 1 or equivalent

**MLT 228** Advanced Clinical Microbiology 2.5 HRS. (OC)
- Prerequisite: MLT 218 with a grade of "C" or better; or department approval. This course concentrates on the basics of acid fast organisms, parasites, and fungi, including their pathophysiology, epidemiology and associated diseases. Common diseases caused by microorganisms by anatomical sites will be discussed. Lecture and student laboratories are included.
- Lecture Hours: 2 Laboratory Hours: 1 or equivalent

**MLT 232** Applied Clinical Experience II 5 HRS. (OC)
- Prerequisite: MLT 220, MLT 222, MLT 224, and MLT 228 with a grade of "C" or better. This course is a continuation of clinical experience to enhance technical skills along with clinical applications in the disciplines of phlebotomy, urinalysis, immunohematology/blood banking, hematology, microbiology, chemistry, and immunology/serology.
- Lecture Hours: 0 Laboratory Hours: 15 or equivalent
Lecture Hours: 0 Laboratory Hours: 6

file formats, and Internet navigation and production are emphasized. Strategies in a variety of multimedia software, systems, peripherals, document and production components, elements, aesthetics, and tools. It introduces the fundamentals of text-processing, digital graphics, digital audio and video, web-based design, and interactive media presentation formats are introduced. Basic skills and strategies in a variety of multimedia software, systems, peripherals, document and file formats, and Internet navigation and production are emphasized.

MM 140  MULTIMEDIA PRODUCTION I  3 HRS. (TC)
Prerequisite: MM 140 and GRDSN 140 both with a grade of “C” or better. This introductory course explores applied hybrid and digital photography in digital darkroom studio projects. Project assignments are created with direct camera work and methods of image capture, manipulation, enhancement, synthesis and derivation. Students acquire facility with digital cameras, computers, and image-processing software and peripherals. Projects and critiques stress image-making as documentary and narrative visual communication for graphic design and multimedia applications. Studio, laboratory, and location exercises and assignments are required. Assigned readings and research address technical, aesthetic, rhetorical, and technological theories. Students explore theories to inform, explain, understand and create new interactive multimedia contexts and environments.

Lecture Hours: 0 Laboratory Hours: 6

MM 150  MULTIMEDIA THEORY  3 HRS. (TC)
Prerequisite: MM 140 and GRDSN 140 both with a grade of “C” or better. This theory-based course extracts, interprets and examines fundamental aspects of contemporary art, design, communication, rhetorical, and technological theories. Students explore theories to inform, explain, understand and create new interactive multimedia contexts and environments.

Lecture Hours: 0 Laboratory Hours: 6

MM 230  DIGITAL VIDEO PRODUCTION  3 HRS. (TC)
Prerequisite: MM 140 and MM 150 both with a grade of “C” or better. This studio course provides advanced video production techniques for use in multimedia, Internet, and new media projects. This is a fundamental course in nonlinear production. The course combines technical information, video production, technical skills, and editing with a theoretical and practical approach. Reproduction planning, storyboarding, and effects production are explored.

Lecture Hours: 0 Laboratory Hours: 6

MM 241  MULTIMEDIA AUTHORING  5 HRS. (TC)
Prerequisite: MM 140 and GRDSN 140 both with a grade of “C” or better. This course includes authoring of multimedia presentations, using industry-standard software. Design management, interactivity, branching, navigation, user interface, and digital components are stressed. Design acquisition and processing of text, graphics, animation, video and sound are also covered. Problem-solving, prototypes, sequential design, and digital media integration are stressed.

Lecture Hours: 0 Laboratory Hours: 10

MM 255  INDEPENDENT STUDY  1-5 HRS. (OC)
Prerequisite: Department approval. This course provides a student the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the proposal is carried out under the guidance of the faculty member. The written plan submitted to the associate dean is approved and remains on file within the department.

Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

MultiMedia

MM 105  BASIC MACINTOSH  1 HR. (OC)
This hands-on, introductory survey course is designed for student development of basic concepts and skills for the Macintosh computer platform. It surveys computer operation, hardware components and basic software. It develops user-friendly technical skills. Instruction includes using: Macintosh computer, operating system, desktop interface, file management, basic word processing software and text editing functions, basic printing and page layout software, and printing documents. Internet use and web browser functions are introduced. A grade of “C” or better on the multimedia placement test satisfies this requirement.

Lecture Hours: 0 Laboratory Hours: 2

MM 130  MULTIMEDIA SOFTWARE TOPICS  1-4 HR. (OC)
This course is a hands-on, skill-building course that stresses contemporary industry-standard software as used in the multimedia industry. Students acquire technology, software skills, and competencies in four to four-week modules for current and emerging multimedia software applications. This course is repeatable if the topic differs for up to four hours of credit.

Lecture Hours: 0 Laboratory Hours: 2 - 8 or equivalent

MM 140  MULTIMEDIA PRODUCTION I  3 HRS. (TC)
This course provides introductory skills survey of multimedia communications, production components, elements, aesthetics, and tools. It introduces the fundamentals of text-processing, digital graphics, digital audio and video, web-based design, and interactive media presentation formats are introduced. Basic skills and strategies in a variety of multimedia software, systems, peripherals, document and file formats, and Internet navigation and production are emphasized.

Lecture Hours: 0 Laboratory Hours: 6

MM 231  VIDEO SPECIAL EFFECTS  3 HRS. (OC)
Prerequisite: MM 140 and MM 150 with a grade of “C” or better. This studio course provides advanced video production effects for multimedia, Internet, and new media projects. The course emphasizes principles and properties of special effects for text, keying, traveling mats, and other effects. Advanced software techniques are explored.

Lecture Hours: 0 Laboratory Hours: 6

MM 255  INDEPENDENT STUDY  1-5 HRS. (OC)
Prerequisite: Department approval. This course provides a student the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, and the evaluative criteria that is to be used). The project must be carried out under the direction of a faculty member. Repeatable to a max of five semester hours of credit.

Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Music

MUS 110  CLASS PIANO I  2 HRS. (TC)
These courses are for music majors who have little or no previous piano instruction. The purpose of these courses is to develop a basic ability at the keyboard required of the musician and enhance aural understanding of music. Laboratory hours will be practice outside of the classroom. This course can be repeated up to three times.

Lecture Hours: 2 Laboratory Hours: 0

MUS 111  CLASS PIANO II  2 HRS. (TC)
Prerequisite: MUS 110 with a grade of “C” or better. This course is for music majors who have little or no previous piano instruction. The purpose of this course is to develop a basic ability at the keyboard required of the musician and enhance aural understanding of music. Laboratory hours will be practice outside of the classroom. This course can be repeated up to three times.

Lecture Hours: 2 Laboratory Hours: 0

MUS 114  CLASS PIANO FOR NON-MUSIC MAJORS  2 HRS. (TC)
This course is for non-music majors who have little or no previous piano instruction. By the end of the semester the student is able to play most simple keyboard music for personal enjoyment.

Lecture Hours: 0 Laboratory Hours: 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Lecture Hours</th>
<th>Laboratory Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 117</td>
<td>APPLIED PIANO I</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Piano experience, and registration in ensemble or department approval. This course provides continuing study for the piano major on an individualized basis. Music majors are expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0 or equivalent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 118</td>
<td>APPLIED PIANO II</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Piano experience, completion of previous course in sequence, and registration in ensemble or department approval. This course provides continuing study for the piano major on an individualized basis. Music majors are expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0 or equivalent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 128</td>
<td>APPLIED VOICE I</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Concurrent registration in an ensemble. This course provides continuing study for the voice major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 129</td>
<td>APPLIED VOICE II</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: MUS 128 and concurrent registration in an ensemble. This course provides continuing study for the voice major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 130</td>
<td>CHAMBER SINGERS</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Department approval. Voice majors should enroll in this ensemble which is open to a limited number of auditioned singers. This course may be repeated once for credit. Lecture Hours: 0 Laboratory Hours: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 131</td>
<td>CONCERT BAND</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All students who play wind or percussion instruments may enroll. Music students whose major performing instrument is brass, woodwind or percussion must enroll. This course may be repeated once for credit. Lecture Hours: 0 Laboratory Hours: 3 or equivalent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 132</td>
<td>JAZZ BAND</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Department approval. All students who play guitar, piano, wind and percussion instruments may enroll. Some students may be required to audition. This course may be repeated once for credit. Lecture Hours: 0 Laboratory Hours: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 134</td>
<td>CONCERT CHOIR</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>All students who want to sing in a choral organization may enroll. Voice majors should enroll. This course may be repeated once for credit. Lecture Hours: 0 Laboratory Hours: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 136</td>
<td>MUSIC FUNDAMENTALS</td>
<td>3 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This course is designed to provide an introduction to music fundamentals: music notation, scales, rhythm, harmony, melody, ear training, basic sight-singing, familiarity with the keyboard, and an optional composition. Recommended for non-music majors who wish to learn music basics and music majors with insufficient background for music theory. Lecture Hours: 3 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 137</td>
<td>VOCAL JAZZ ENSEMBLE</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Department approval. Voice majors, voice minors, and students from the total student body are encouraged to audition for this ensemble. This course may be repeated once for credit. Lecture Hours: 0 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 146</td>
<td>BEGINNING CLASS GUITAR I</td>
<td>2 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>This is a basic course in beginning guitar. Students will study the fundamentals of tuning, proper instrument grip, proper finger positions, various strumming and picking styles, and chord structures. Instruction will include the essential elements of music theory, such as notation, keys, scales, intervals, and triads, as these apply to the playing of the guitar. Lecture Hours: 2 Laboratory Hours: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 147</td>
<td>BEGINNING CLASS GUITAR II</td>
<td>2 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: MUS 146. This course is a second semester/continuation of a basic course in beginning guitar. Students will study the fundamentals of tuning, proper instrument grip, proper finger positions, various strumming and picking styles, and chord structures, progressing toward an intermediate level. Instruction will include review and expansion upon essential elements of music theory, such as notation, keys, scales, intervals, and triads, as these elements apply to the playing of the guitar. Lecture Hours: 2 Laboratory Hours: 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 148</td>
<td>INTRODUCTION TO JAZZ (F1 904)</td>
<td>3 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course is a study of the musical heritages as they combined in the United States to create jazz, what many critics consider America's greatest contribution to art music. From the earliest performances to its present day pre-eminence in the musical world, this course covers formative influences such as religious music and spirituals; solo piano styles such as ragtime, boogie, and stride; and early blues, work songs, and field hollers. It culminates in a detailed exploration of the various style periods in jazz, placing each movement in its historical and socio-cultural context, including jazz as practiced today. Lecture Hours: 3 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 149</td>
<td>INTRODUCTION TO MUSIC LITERATURE (F1 901)</td>
<td>3 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an introduction to the standard concert repertoire through intensive guided listening. Representative works by major composers are chosen to illustrate the principal styles, forms, and techniques of vocal and instrumental music. Although there is no music prerequisite for this course, there is an assumption of fundamental knowledge and understanding of the elements of music. Lecture Hours: 3 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 150</td>
<td>MUSIC APPRECIATION (F1 900)</td>
<td>3 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This is a general course introducing representative music of various periods from our musical heritage. Skills of intelligent listening are taught. Lecture Hours: 3 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 154</td>
<td>APPLIED BRASS I</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Previous brass experience, and registration in ensemble or department approval. This course provides for continuing study for the brass major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 155</td>
<td>APPLIED BRASS II</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: MUS 154 and concurrent registration in an ensemble. This course provides for continuing study for the brass major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 158</td>
<td>APPLIED WOODWIND I</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Concurrent registration in an ensemble. This course provides continuing study for the woodwind major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 159</td>
<td>APPLIED WOODWIND II</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: MUS 158 and concurrent registration in an ensemble. This course provides continuing study for the woodwind major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 160</td>
<td>APPLIED PERCUSSION I</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Concurrent registration in an ensemble. This course provides continuing study for the percussion major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 161</td>
<td>APPLIED PERCUSSION II</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: MUS 160 and concurrent registration in an ensemble. This course provides continuing study for the percussion major on an individualized basis. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 162</td>
<td>APPLIED GUITAR I</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Concurrent registration in an ensemble. In this course, on-going study for the guitar major on an individualized basis is provided. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUS 163</td>
<td>APPLIED GUITAR II</td>
<td>1 HRS. (TC)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisite: MUS 163 and concurrent registration in an ensemble. In this course, on-going study for the guitar major on an individualized basis is provided. The music major is expected to register for applied music each semester. Lecture Hours: 1 Laboratory Hours: 0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MUS 164  GUITAR ENSEMBLE  1 HR. (TC)
Prerequisite: Department approval. This course involves working with others to prepare guitar ensemble music for public performance. The student applies techniques and musical concepts learned from Applied Guitar and/or Group Guitar. This course can be repeated up to a maximum of three times.
Lecture Hours: 0 Laboratory Hours: 3

MUS 170  HARMONY AND ANALYSIS I  3 HRS. (TC)
Prerequisite: MUS 136 or department examination. Theory placement test score must be 70 or higher to enroll and concurrent enrollment in MUS 180. This is the first course in a series of four courses in music theory. The course includes basic fundamentals, diatonic chords and principles of voice leading. Study in harmonic progression concludes this course. Music majors must complete this course and MUS 180 with a grade of "C" or better to enroll in MUS 171.
Lecture Hours: 3 Laboratory Hours: 0

MUS 171  HARMONY AND ANALYSIS II  3 HRS. (TC)
Prerequisite: MUS 170 and MUS 180 with a grade of "C" or better and concurrent enrollment in MUS 181. This is the second course in a series of four courses in music theory. This course begins the study of inversion and continues through cadences and phrases, non-chord tones and an introduction to seventh chords. Music majors must complete this course and MUS 181 with a grade of "C" or better to enroll in MUS 270, the third course in the sequence.
Lecture Hours: 3 Laboratory Hours: 0

MUS 180  MUSICIANSHIP I  1 HR. (TC)
Prerequisite: MUS 136 or department examination. Theory placement test score must be 70 or higher to enroll and concurrent enrollment in MUS 170. This is the first course in a series of four courses devoted to the aural skills of musicianship. This course includes division of the beat in simple and compound meters; identification of scales, intervals, triads, and seventh chords; and melodies moving by step and using skips within the tonic triad in major and minor tonalities. Aural understanding is developed through dictation and sight singing. Music majors must complete this course and MUS 170 with a grade of "C" or better to enroll in MUS 181.
Lecture Hours: 0 Laboratory Hours: 2

MUS 181  MUSICIANSHIP II  1 HR. (TC)
Prerequisite: MUS 180 and MUS 170 with a grade of "C" or better. This is the second course in a series of four courses devoted to the aural skills of musicianship. The course includes intervals from the dominant triad and dominant seventh chord in major and minor keys in simple and compound meters; other diatonic intervals of the seventh and tritone; subdivision of the beat in simple and compound meters; and structured improvisation. Aural understanding is developed through dictation, sight singing, and improvisation. Music majors must complete this course and MUS 171 with a grade of "C" or better to enroll in MUS 280.
Lecture Hours: 0 Laboratory Hours: 2

MUS 210  CLASS PIANO III  2 HRS. (TC)
Prerequisite: MUS 111 and concurrent registration in an ensemble. This course is for music majors who have little or no previous piano instruction. The purpose of this course is to develop a basic quality at the keyboard required by the musician and enhance aural understanding of music. Laboratory hours will be practice outside of the classroom. This course can be repeated up to three times.
Lecture Hours: 2 Laboratory Hours: 0

MUS 211  CLASS PIANO IV  2 HRS. (TC)
Prerequisite: MUS 210 and concurrent registration in an ensemble. This course is for music majors who have little or no previous piano instruction. The purpose of this course is to develop a basic quality at the keyboard required by the musician and enhance aural musicianship. Laboratory hours will be practice outside of the classroom. This course can be repeated up to three times.
Lecture Hours: 2 Laboratory Hours: 0

MUS 214  CLASS PIANO FOR NON-MUSIC MAJORS  2 HRS. (TC)
Prerequisite: MUS 114. This course is for non-music majors who have little or no previous piano instruction. By the end of the second semester the student is able to play most keyboard music for personal enjoyment.
Lecture Hours: 0 Laboratory Hours: 2

MUS 217  APPLIED PIANO III  1 HR. (TC)
Prerequisite: Piano experience, completion of previous course in sequence, and registration in ensemble or department approval. This course provides continuing study for the piano major on an individualized basis. Music majors are expected to register for applied music each semester.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

MUS 218  APPLIED PIANO IV  1 HR. (TC)
Prerequisite: Piano experience, completion of previous course in sequence, and registration in ensemble or department approval. This course provides continuing study for the piano major on an individualized basis. Music majors are expected to register for applied music each semester.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent
**Course Descriptions**

**MUS 262**  
**APPLIED GUITAR III**  
1 HR.  
Prerequisite: MUS 162 with a “C” or better and concurrent registration in an ensemble. This course, on-going study for the guitar major on an individualized basis is provided. The music major is expected to register for applied music each semester.  
Lecture Hours: 1  
Laboratory Hours: 0

**MUS 263**  
**APPLIED GUITAR IV**  
1 HR.  
Prerequisite: MUS 262 and concurrent registration in an ensemble. In this course, on-going study for the guitar major on an individualized basis is provided. The music major is expected to register for applied music each semester.  
Lecture Hours: 1  
Laboratory Hours: 0

**MUS 264**  
**GUITAR ENSEMBLE**  
1 HR.  
Prerequisite: Department approval. This course involves working with others to prepare guitar ensemble music for public performance. The student applies techniques and musical concepts learned from Applied Guitar and/or Group Guitar. This course can be repeated up to a maximum of three times.  
Lecture Hours: 0  
Laboratory Hours: 3 - 9

**MUS 270**  
**HARMONY AND ANALYSIS III**  
3 HRS.  
Prerequisite: MUS 171 and MUS 161 with a grade of “C” or better and concurrent enrollment in MUS 280. This is the third course in a series of four courses in music theory. The course includes basic fundamentals, diatonic chords and principles of voice leading. Study in harmonic progression concludes this course. Music majors must complete this course with a grade of “C” or better to enroll in MUS 271, the fourth course in the sequence.  
Lecture Hours: 3  
Laboratory Hours: 0

**MUS 271**  
**HARMONY AND ANALYSIS IV**  
3 HRS.  
Prerequisite: MUS 270 and MUS 280 with a grade of “C” or better and concurrent enrollment in MUS 281. This is the fourth course in a series of four courses in music theory. The course includes: Neapolitan chords, augmented 6th chords, other chromatic materials, and enharmonic modulation. Late 19th century harmony and an introduction to 20th century practices are also included.  
Lecture Hours: 3  
Laboratory Hours: 0

**MUS 280**  
**MUSICIANSHIP III**  
1 HR.  
Prerequisite: MUS 181 and MUS 171 with a grade of “C” or better and concurrent enrollment in MUS 270. This is the third course in a series of four courses devoted to the aural skills of musicianship. The course includes an introduction to chromaticism; modulation to closely-related keys; and syncopation. Aural understanding is developed through dictation and sight singing. Music majors must complete this course and MUS 270 with a grade of “C” or better to enroll in MUS 281, the fourth course in the sequence.  
Lecture Hours: 0  
Laboratory Hours: 2

**MUS 281**  
**MUSICIANSHIP IV**  
1 HR.  
Prerequisite: MUS 280 and MUS 270 with a grade of “C” or better and concurrent enrollment in MUS 271. This course is the last in a series of four courses devoted to the aural skills of musicianship. The course includes professional rhythmic and harmonic concepts such as changing meters; the hemiola; remote modulation; diatonic modes; and post-tonal structures. Aural understanding is developed through dictation and sight singing.  
Lecture Hours: 0  
Laboratory Hours: 2

**NCTK 214**  
**CNC MACHINE OPERATION II**  
2 HRS.  
Prerequisite: NCTK 212 with a grade of “C” or better or department approval. This course prepares the student for practical programming assignments, and is designed to give advanced hands-on experience in the setting up and operation of CNC machining and turning centers.  
Lecture Hours: 1  
Laboratory Hours: 3

**NCTK 255**  
**INDEPENDENT STUDY**  
1-5 HRS.  
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.  
Lecture Hours: 0  
Laboratory Hours: 3 - 15 or equivalent

**OCCUPATIONAL THERAPY ASSISTANT**

**OTA 110**  
**FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT I**  
3 HRS.  
Prerequisite: Acceptance to the Occupational Therapy Assistant Curriculum or department approval. This course is an introduction to occupational therapy history, philosophy, ethics, and practice. An overview of physical and psychosocial dysfunction across the lifespan will be presented.  
Lecture Hours: 2  
Laboratory Hours: 3

**OTA 111**  
**FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT II**  
5 HRS.  
Prerequisite: OTA 110 and OTA 114 with a grade of “C” or better or department approval. The fundamentals of occupational therapy individual and group interventions in the areas of aging and psychosocial dysfunction are applied. Level I fieldwork experience is completed.  
Lecture Hours: 3  
Laboratory Hours: 6

**OTA 112**  
**PSYCHOSOCIAL DYSFUNCTION FOR THE OCCUPATIONAL THERAPY ASSISTANT**  
3 HRS.  
Prerequisite: OTA 110 and 114 with a grade of “C” or better or department approval. This course provides a basic understanding of mental health conditions and behaviors. The principles of occupational therapy interventions are discussed.  
Lecture Hours: 3  
Laboratory Hours: 0

**OTA 114**  
**THERAPEUTIC MEDIA**  
4 HRS.  
Prerequisite: Acceptance to the Occupational Therapy Assistant curriculum or department approval. This course provides an immersion in therapeutic media used in occupational therapy interventions to promote occupational performance.  
Lecture Hours: 2  
Laboratory Hours: 6

**OTA 118**  
**FUNCTIONAL ANATOMY FOR THE OCCUPATIONAL THERAPY ASSISTANT**  
3 HRS.  
Prerequisite: OTA 110, 114, and BIOL 140 with a grade of “C” or better or department approval. In this course, body structures and functions of the neuromusculoskeletal system will be examined. Joint measurements and motion analysis will be emphasized related to life tasks.  
Lecture Hours: 2  
Laboratory Hours: 3

**OTA 210**  
**FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT III**  
4 HRS.  
Prerequisite: OTA 111, 112, and 118 with a grade of C or better or department approval. This course applies the occupational therapy process related to individuals with physical dysfunction.  
Lecture Hours: 3  
Laboratory Hours: 3

**OTA 211**  
**FOUNDATIONS FOR THE OCCUPATIONAL THERAPY ASSISTANT IV**  
4 HRS.  
Prerequisite: OTA 210 and 212 with a grade of “C” or better or department approval. This course is a continuation of the occupational therapy process related to individuals with physical dysfunction. Included are interventions addressing the pediatric population.  
Lecture Hours: 3  
Laboratory Hours: 3

**OTA 212**  
**OCCUPATIONAL THERAPY ASSISTANT PRACTICE I**  
4 HRS.  
Prerequisite: OTA 110, 111, 112, and 118 with a grade of “C” or better or department approval. This course provides a fieldwork experience with an emphasis on psychosocial functioning across the lifespan.  
Lecture Hours: 1  
Laboratory Hours: 10
Office Administration and Computer Support

**OFACS 125 POWERPOINT** 1 HR. (OC)
This course covers basic training in the use of Microsoft PowerPoint, a commercially available presentation software package. This course is repeatable up to three times.
Lecture Hours: 1 Laboratory Hours: 5

**OFACS 126 OUTLOOK** 1 HR. (OC)
This course prepares students to manage email, calendars, contacts, tasks, and other time management tools found in a business office by using a personal information management program – Microsoft Outlook. This course is repeatable up to three times.
Lecture Hours: 0.5 Laboratory Hours: 1

**OFACS 132 ELECTRONIC SPREADSHEETS** 3 HRS. (OC)
This course covers basic training in the use of commercially available electronic spreadsheet software. This course is repeatable up to three times.
Lecture Hours: 2 Laboratory Hours: 2

**OFACS 133 DATABASE MANAGEMENT SYSTEMS** 3 HRS. (OC)
This course covers basic training in the use of commercially available database management system software. This course is repeatable up to three times.
Lecture Hours: 2 Laboratory Hours: 2

**OFACS 211 INTEGRATED OFFICE PROJECTS** 3 HRS. (OC)
Prerequisite: WP 122, OFACS 132 and OFACS 133 all with a grade of "C" or better. This course is a capstone course that pulls together and integrates prior coursework to complete a variety of office-style projects utilizing integrated office application software (word processing, spreadsheet, database, and presentation). The students will navigate each software package independently and integrate the packages by linking and embedding files from a source to a destination. The students will complete office-style projects including, but not limited to, memoranda, letters, budgets, expense reports, customer mailing lists, stockholder reports, newsletters, brochures, flyers, itineraries, specialized forms, and presentations. Email, calendaring, and Internet applications will also be utilized.
Lecture Hours: 2 Laboratory Hours: 2

**OFACS 232 ADVANCED SPREADSHEETS** 3 HRS. (OC)
Prerequisite: OFACS 132 with a grade of "C" or better. This course covers the advanced topics of spreadsheets including multi-dimensional spreadsheets, graphics, databases, and printing enhancements. Macros (VBA) will be incorporated to present user-defined menus to assist in worksheet processing.
Lecture Hours: 2 Laboratory Hours: 2

**OFACS 233 ADVANCED DATABASE** 3 HRS. (OC)
Prerequisite: OFACS 133 with a grade of "C" or better. This course covers advanced training in the use of commercially available database management systems. Such topics as custom forms, custom reports, custom data access pages, HTML documents, integration with other programs, crosstab and action queries, relationships, macros, switchboards, and an introduction to SQL will be covered.
Lecture Hours: 2 Laboratory Hours: 2

Office Occupations

**OFOCC 111 TELEPHONE SKILLS FOR THE OFFICE** 1 HR. (OC)
This course will cover training in the professional use of the telephone.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

**OFOCC 114 FUNDAMENTALS OF TRANSCRIPTION** 3 HRS. (OC)
Prerequisite: Credit in OFOCC 114 and TYPE 121 with a grade of "C" or better. This course covers transcription principles. Classroom activities emphasize basic secretarial grammar, word study, spelling, and punctuation required for the transcription of notes and rough drafts in a business office. The students use computers with word processing software programs to accomplish their daily tasks and tests.
Lecture Hours: 3 Laboratory Hours: 0

**OFOCC 200 MACHINE TRANSCRIPTION AND SPECIALIZED TERMINOLOGY** 2 HRS. (OC)
Prerequisite: Credit in OFOCC 114 and TYPE 121 with a grade of "C" or better. This course prepares individuals to support business information operations by using current technology to enter, process, and retrieve data including instruction in word processing software and transcription equipment. Students will create mailable transcribed business, medical, and legal documents.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

**OFOCC 210 ADMINISTRATIVE OFFICE PROCEDURES** 3 HRS. (OC)
Prerequisite: TYPE 121 with a grade of "C" or better and OFACS 132 with a grade of "C" or better. This course covers the administrative office procedures. This course is repeatable up to five times.
Lecture Hours: 3 Laboratory Hours: 0

**OFOCC 250 OFFICE OCCUPATIONS INTERNSHIP** 3 HRS. (OC)
Prerequisite: Admission to an Office Occupations Internship Program and a 2.0 cumulative grade point average. The student-intern is placed in an area office to receive on-the-job training under the direction of a training station supervisor and/or employer. Students work 40 hours per week and receive 1 hour for each week of work on problems or special assignments related to the internship training. This course may be repeated one time.
Lecture Hours: 1 Laboratory Hours: 15 or equivalent

**OFOCC 255 INDEPENDENT STUDY** 1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the study project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department. A final written report is also submitted to the faculty member by the student.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent
Orientation

Orien 099 Learning Strategies 3 HRS. (BEC)
Prerequisite: Appropriate score on placement test or department approval. In this course, students will build study skills for college coursework.
Lecture Hours: 3 Laboratory Hours: 0

Orien 110 College Success 3 HRS. (TC)
Prerequisite: Appropriate reading placement score or department approval. This course is designed to acquaint students with college life, community and academic resources, learning and study skills, problem-solving and success strategies.
Lecture Hours: 3 Laboratory Hours: 0

Orien 111 Career Choice 1 HR. (TC)
Prerequisite: Appropriate reading placement score or department approval. This course provides individuals the opportunity to explore their abilities, interests, values and other significant factors as they relate to a career choice. Participation in an individual or a group career counseling setting enables students to explore careers, career development, and career decision making through the use of standardized assessments and research activities.
Lecture Hours: 1 Laboratory Hours: 0

Paralegal

Prlgl 110 Introduction to Paralegal 3 HRS. (GC)
Prerequisite: ENGL 110 with a “C” or better, or equivalent. This course examines the legal assistant in the legal system and overviews the skills required of this type of work. Reference is made to legal terminology and Illinois procedural and substantive law.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 112 Legal Research I 3 HRS. (GC)
Prerequisite: Prrlgl 110 with a grade of “C” or better or department approval. This course orientes the student as to the use and contents of the law library, i.e., legal publications, treatises and other legal writings encountered in the practice of law.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 113 Legal Research II 3 HRS. (GC)
Prerequisite: Prrlgl 112 with a grade of “C” or better. This course examines the purposes, forms, organization, design and language of legal writing and engages the student in the analysis and resolution of the issues presented by the law and the facts. The writing of appellate briefs, research and argumentative memoranda, as well as advisory letters is emphasized.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 114 Family Law 3 HRS. (GC)
Prerequisite: Prrlgl 110, 116 and Prrlgl 112 with a grade of “C” or better or department approval. This course studies the marital relationship including: formation, annulment, separation and dissolution (divorce). Consequential considerations are covered such as child custody and support, maintenance (alimony), property settlement and some of the tax consequences. Other matters included in the course are adoption, paternity and the rights of family members. These topics are viewed in the light of Illinois law. The student participates in the completion and drafting of various forms and other documents.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 115 Wills, Trusts and Estate Administration 3 HRS. (GC)
Prerequisite: Prrlgl 110 and Prrlgl 112 with a grade of “C” or better or department approval. This course informs the students of concepts in and the mechanics of will and trust preparation and estate administration and provides exercises appropriate to the duties of a legal assistant.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 116 Civil Litigation 3 HRS. (GC)
Prerequisite: Prrlgl 110 and Prrlgl 112 with a grade of “C” or better and department approval. This course is a study of major steps in preparation for filing of and defensive pleadings for civil lawsuits; discovery; trial preparations, and trial and post-trial matters; and ancillary matters. Appropriate reference is made to Illinois law. Exercises are provided.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 117 Administrative Law 3 HRS. (GC)
Prerequisite: Prrlgl 110 and Prrlgl 112 with a grade of “C” or better or department approval. This course provides the student with an overview of administrative law, including agency rules-making and adjudication with specific emphasis on the processing of workers compensation cases under the Illinois Workers Compensation Act and federal social security practice.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 118 Law Office Management 3 HRS. (OC)
Prerequisite: Prrlgl 110 and Prrlgl 112 with a grade of “C” or better or department approval. This course provides the student with exposure to practice-oriented contemporary topics of law office management. In addition to studying the organization, policies, employment law and the procedures of a law office, students will be introduced to and given an opportunity to utilize law oriented computer software applications in classroom exercises. Students will be exposed to exercises designed to provide exposure to the skills utilized by a paralegal in file management, time keeping and billing, docket management and developments in computer based legal research and document movement.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 120 Medical Terminology for Paralegals 3 HRS. (OC)
Prerequisite: Department approval. The course presents paralegal students and paralegals with the opportunity to acquire competency with medical terminology and gain experience with practical legal applications for medical terminology. Paralegal students can take this course as an elective; paralegals can take this course as part of their continuing legal education.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 121 Paralegal Ethics and Professional Responsibilities 3 HRS. (OC)
Prerequisite: Department approval. This course is an in-depth review of the canons of professional responsibility, including case study projects. The emphasis is on the duty of paralegals and lawyers to act so as to serve a client's interests best, to do so in an ethical manner, and to advance the interests of justice. Paralegal students can take this course as an elective; paralegals can take this course as part of their continuing legal education.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 141 Current Law Topics 1-3 HRS. (OC)
Prerequisite: Prrlgl 110 or department approval. This course provides the student with exposure to practice-oriented contemporary topics of law. In addition to studying the recent changes to the law, students will be exposed to exercises designed to provide exposure to the skills utilized by a paralegal in each area of the law covered within the semester. Repeatable up to a maximum of three semester hours of credit.
Lecture Hours: 1 - 3 Laboratory Hours: 0 or equivalent

Prlgl 159 Paralegal Pre-Internship 1 HR. (OC)
Prerequisite: Twelve credit hours of Prrlgl courses. This course is designed to enable students to understand and prepare for the internship experience. Students will explore internship and legal career opportunities, develop job application skills, review expectations of professionalism, office procedures, and ethical responsibilities, and select potential internship placements in each student’s areas of interest. Students are required to complete this course prior to enrolling in Prrlgl 260 Paralegal Internship.
Lecture Hours: 1 Laboratory Hours: 0

Prlgl 215 Business Organization and Practice 3 HRS. (OC)
Prerequisite: Prrlgl 110 and Prrlgl 112 with a grade of “C” or better or department approval. This course is intended to provide a guide to knowledge and practical exercises in the paralegal's function in the day-to-day legal representation of business clients. The course focuses on simulated activities expected of a paralegal in a law office environment and discussion of the substantive law and procedures involved in the formation and maintenance of various business entities and related business transactions. The course is presented by way of class discussion and related simulations and class assignments focusing on corporate formation, financial structure, meeting shareholders' rights and liabilities, changes in corporate status, as well as on such related topics as trademark registration, file maintenance, and drafting business transactional documents. The first portion of the course focuses on organizational matters with a focus on the creation and organization of a state-specific resource binder in which the student will adapt checklists to meet state requirements, as well as compile relevant state statutes, frequently used telephone listings, filing fee information, and state-specific forms. The second portion of the course will focus on client matters.
Lecture Hours: 3 Laboratory Hours: 0

Prlgl 260 Paralegal Internship 3 HRS. (OC)
Prerequisite: Admission to a paralegal program and completion of a minimum of 12 semester hours in the program or department approval. This course involves student trainees who are employed at an approved training station with a program of training scheduled by joint agreement of the student, supervisor, and program coordinator. Special assignments including case studies and/or supplementary reports are required.
Lecture Hours: 1 Laboratory Hours: 15 or equivalent
Philosophy

PHIL 110 INTRODUCTION TO PHILOSOPHY (H4 900) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a study of recurring philosophical principles and problems. Students will examine philosophical issues surrounding knowledge, the nature of truth, identity, free will, morality, and religion.
Lecture Hours: 3 Laboratory Hours: 0

PHIL 111 LOGIC (H4 906) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course will acquaint the student with the terminology and the various forms of inductive and deductive reasoning. It will focus on methods of distinguishing good reasoning from bad and on the rules by which we judge arguments, as well as the practical application of these rules.
Lecture Hours: 3 Laboratory Hours: 0

PHIL 112 COMPARATIVE RELIGIONS (H5 904N) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. An introductory survey of selected teachings, practices and institutions of major Eastern and Western religions. This course may include the role of history, appreciation for forms of expression, and criticism of their origins, rituals, and forms of religious knowledge and destiny.
Lecture Hours: 3 Laboratory Hours: 0

PHIL 113 MEDICAL ETHICS 3 HRS. (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval. This course investigates the multitude of ethical issues which have been raised because of advanced technology in medicine and health care. It attempts to clarify questions on such subjects as abortion, genetic engineering, euthanasia, human experimentation, transplantation, and patient consent. It will also present principles one may apply in making decisions in these areas.
Lecture Hours: 3 Laboratory Hours: 0

PHIL 114 BUSINESS ETHICS 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course investigates the basic ethical frameworks from which moral decisions are derived. It applies those fundamentals to such practical problems as advertising, the profit motive, labeling, public safety, natural resource preservation and other significant concerns which arise in normal business activities.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

PHIL 115 ETHICS (H4 904) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an exploration of Ethics. This is an area of philosophy in which there is an attempt to achieve a systematic understanding of the good along with a clear notion of how we ought to live and why. Readings and discussions will feature several alternative moral theories.
Lecture Hours: 3 Laboratory Hours: 0

PHIL 116 PHILOSOPHY OF RELIGION (H4 905) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course involves rational reflection about the experiences, thinking, attitudes, values, and questions that arise in relationship to religious reality. Some of the issues to be considered will include the following: definitions of God's nature, philosophical arguments for God's existence, the problem of evil, and the question of divine providence. The course also deals with the relationship between religion and morality, consciousness, and society.
Lecture Hours: 3 Laboratory Hours: 0

Physical Education

PHYED 110 BASKETBALL 1 HR. (TC)
This course includes an introduction to the history and the rules of the game with an analysis of fundamentals. Emphasis is placed on individual skills and team play.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 112 SPORTS ACTIVITIES AND FITNESS 1 HR. (TC)
Participants in various activities designed to promote physical fitness. Activities include volleyball, badminton, and other conditioning activities and games.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 114 VOLLEYBALL 1 HR. (TC)
This course stresses individual volleyball skills in passing, setting, up, serving, blocking and spiking. Basic concepts of offensive and defensive team play are introduced.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 116 INTRODUCTION TO RECREATION 2 HRS. (TC)
This course is designed to orient students to the field of recreation and recreational activities. It is intended to provide each student opportunities to formulate a philosophy and some basic concepts regarding recreation and recreational services as a profession.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

PHYED 118 SOFTBALL 1 HR. (TC)
This course stresses individual skills in batting, bunting, base running, sliding, fielding, throwing, pitching, infield skills and outfield skills. The individual is introduced to basic concepts of offensive and defensive team play.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 119 ADVANCED SOFTBALL 1 HR. (TC)
Prerequisite: PHYED 118. This course is a review of basic skills in batting, throwing, fielding, infield skills and outfield skills. The student is introduced to the more intricate aspects of team offense and defense.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 120 BOWLING 1 HR. (TC)
This course gives instruction in footwork and the fundamental movements in delivery. Rules, terminology, scoring and etiquette are also covered.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 122 ADVANCED BASKETBALL 1 HR. (TC)
Prerequisite: PHYED 110. This course includes basic fundamental skills, but emphasizes defensive play, rebounding and teamwork.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 123 ADVANCED BOWLING 1 HR. (TC)
Prerequisite: PHYED 120. This course will prepare the novice bowler for tournament level bowling. Skills that will be developed include reading the lanes, wrist releases, ball looking for optimum striking consistency, as well as choosing appropriate bowling equipment.
Lecture Hours: 1 Laboratory Hours: 2 or equivalent

PHYED 124 ADVANCED VOLLEYBALL 1 HR. (TC)
Prerequisite: PHYED 114. This course is a review of skills in passing, setting, serving, blocking and spiking. Concepts of offense and defense in game situations are introduced.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 125 BEGINNING FENCING 1 HR. (TC)
This introductory course emphasizes basic footwork, blade work, and competitive activities. Beginning fencing includes an introduction to the strategy and rules of fencing. Fundamental skills are reinforced through tactical games and conditioning exercises.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 126 BASEBALL 1 HR. (TC)
This course stresses individual skills in hitting, base running, fielding, pitching, catching, and position skills. Team offensive and defensive concepts are included.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 127 ADVANCED BASEBALL 1 HR. (TC)
Prerequisite: PHYED 126. This course is a review of basic skills in hitting, throwing, fielding, pitching, catching, and infield and outfield skills. Greater emphasis is placed on offensive and defensive strategies from a team standpoint. Continuation of the development of flexibility, strength and cardiovascular improvement is stressed.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 128 DISTANCE RUNNING 1 HR. (TC)
This course will teach the basics of distance running including running efficiency, improving cardiovascular endurance, muscle balance, and strength training. The student will be introduced to competitive track or road racing and racing strategies. This course may be repeated once for credit.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 129 ADVANCED DISTANCE RUNNING 1 HR. (TC)
Prerequisite: PHYED 128. This course stresses different types of training for the distance runner. Philosophies will include steady state running, fartlek, interval training, and hill training. Advanced racing techniques, such as surging, will be introduced. This course may be repeated once for credit.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 130 GOLF 1 HR. (TC)
This course stresses the techniques of driving, fairway shots, pitching and putting. The student is introduced to general rules and match and stroke play.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent
PHYED 131  ADVANCED GOLF  1 HR. (TC)
Prerequisite: PHYED 130 or department approval. In this course the student will receive instruction on the basic techniques of driving, fairway shots, pitching and putting. The class will receive instruction on shot selection that would be utilized in actual competition.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 135  ARCHERY  1 HR. (TC)
Instruction is given in equipment selection, safety, scoring, and shooting techniques. Students also participate in tournaments in target archery and novelty events.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 136  FOUNDATIONS OF HUMAN MOVEMENT  3 HRS. (TC)
This is an introduction course for physical education majors looking to transfer to a four-year institution in an exercise science curriculum. This course will review the history of physical education, sport and exercise science, as well as introduce the basic concepts of movement and the professions available in this area.
Lecture Hours: 3 Laboratory Hours: 0

PHYED 138  LACROSSE: HISTORY AND BASIC SKILLS  1 HR. (TC)
This introductory course begins with a survey of the history of the sport from its North American Indian roots to the current indoor and outdoor (men’s and women’s) versions. Basic skills include: throwing, catching, cradling, scooping, passing, shooting, and goal tending. Skills will be learned, developed and reinforced through drills, skill contests, and actual game play using modified rules.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 140  PHYSICAL CONDITIONING  1 HR. (TC)
This course involves utilization of calisthenics, weight training and aerobic activities to promote physical fitness.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 141  FIGURE FITNESS FOR WOMEN  1 HR. (TC)
This course includes concepts and application of exercise and nutrition toward total fitness.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 142  PERSONAL DEVELOPMENT AND WEIGHT CONTROL  1 HR. (TC)
This course is a planned program of fitness, exercise, nutrition, diet, relaxation, posture and sports activity for the personal development of each individual.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 143  SELF-DEFENSE  1 HR. (TC)
This course introduces self-defense in the practical form, as used in possible street confrontations.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 145  ADVANCED PHYSICAL CONDITIONING  1 HR. (TC)
Prerequisite: PHYED 140. This course involves the utilization of calisthenics, weight training and aerobic activities to promote physical fitness.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 146  GYMNASTICS  1 HR. (TC)
Instruction in fundamental skills on selected apparatus such as the trampoline, mats, balance beam, and on uneven parallel bars is included in gymnastics.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 147  TAI CHI  1 HR. (TC)
The student is introduced to the basics of Chen style Tai Chi.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 149  WEIGHT TRAINING  1 HR. (TC)
This course emphasizes concepts and application of Nautilus, or a similar type of equipment, and/or free weights to promote strength and physical fitness.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 150  BEGINNING SWIMMING  1 HR. (TC)
This course is open to non-swimmers and low beginners. Instruction is given in the fundamental skills of floating, treading water, bobbing, elementary crawl-strokes and the elementary backstroke.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 152  INTERMEDIATE SWIMMING  1 HR. (TC)
Prerequisite: PHYED 150 or department approval. This course provides instruction on the front and back crawl, elementary backstroke, sidestroke and breaststroke for improved efficiency. Diving and rescue skills are also included.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 153  LIFEGUARD TRAINING  1 HR. (TC)
Prerequisite: PHYED 152 or department approval. This course covers the American Red Cross principles and techniques of lifesaving. Instruction is given in safety, accident prevention, defense mechanisms and ability to assist and rescue others. The Lifeguarding Today Certificate may be earned.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 156  SCUBA DIVING  1 HR. (TC)
Prerequisite: Some swimming ability needed. This course provides instruction on the care and use of scuba equipment, the underwater environment, decompression tables, and local and ocean diving. Scuba diving skills are taught in an Olympic pool, preparing you for your PADI Open Water certification. Some swimming skills required.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 157  ADVANCED SCUBA DIVING  1 HR. (TC)
Prerequisite: PHYED 156. This course consists of pool and classroom instruction in equipment maintenance, underwater navigation, diving maladies, ocean diving, and other specialty dives. Advanced scuba diving includes five open-water dives and advanced certification.
Lecture Hours: 5 Laboratory Hours: 2 or equivalent

PHYED 160  TENNIS  1 HR. (TC)
This course provides instruction including the rules, strategy and scoring of the game. Students are introduced to the fundamentals of the basic shots and singles and doubles competition.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 161  ADVANCED TENNIS  1 HR. (TC)
Prerequisite: PHYED 160 or department approval. This course provides instruction including the rules, singles and doubles strategy and advanced scoring such as the tie-breaker. Students are introduced to advanced strokes and taught to play singles and doubles in an advanced and aggressive manner.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 162  ADVANCED WEIGHT TRAINING  1 HR. (TC)
Prerequisite: PHYED 149. This course includes advanced concepts and application of Nautilus, or a similar type of equipment, and/or free weights to promote strength and physical fitness, plus aerobic exercises.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 165  WELLNESS/GOLF  1 HR. (TC)
The student will be instructed in basic techniques to develop personal wellness and fitness. Wellness portion of the course will be in the first three meetings.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 167  WELLNESS/TEENNIS  1 HR. (TC)
Students will be instructed in basic techniques to develop personal wellness and fitness, in addition to fundamentals in singles and doubles tennis.
Lecture Hours: 0 Laboratory Hours: 2

PHYED 168  AEROBICS  1 HR. (TC)
This course will emphasize the utilization of various aerobic techniques to promote physical fitness. The student will receive instruction in the basic concepts and techniques of mixed impact aerobics, step, kickboxing and muscle toning activities in order to develop personal wellness and fitness.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 171  SOCIAL DANCE  1 HR. (TC)
This course gives instruction in the distinguishing of the various dance tempos. Performance of waltz, foxtrot, polka and current novelty dances, as well as the techniques of leading and following will be included.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 172  FOLK DANCE  1 HR. (TC)
Instruction is given in the folk dances of various countries and cultures.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 174  SQUARE DANCE  1 HR. (TC)
This course gives instruction in square dance as an activity in the social setting as danced today throughout the United States.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 175  PRINCIPLES OF TRAINING  3 HRS. (TC)
This course will cover the proper fundamentals and techniques of different styles of fitness training. Techniques of free weight training, circuit training, cross training, and well-being (yoga, Pilates, tai chi) will be emphasized. Use and care of cardiovascular equipment will also be covered.
Lecture Hours: 2 Laboratory Hours: 2 or equivalent
PHYED 176  EXERCISE TESTING, PRESCRIPTION, AND DESIGN 3 HRS.  (TC)
Prerequisite: PHYED 175. This course will instruct students on evaluating clients in the fitness profession. Students will learn the basics of exercise testing and how to evaluate individuals and groups. The students will then use their evaluations to safety and effectively design workout programs for the clients. Students will understand the wide diversity of the client's physical abilities.
Lecture Hours: 3 Laboratory Hours: 1 or equivalent

PHYED 180  AEROBIC SUPER CIRCUIT FITNESS 1 HR.  (TC)
This course will introduce the student to an exercise program built around a multi-station aerobic super circuit utilizing weights with multiple repetitions.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 181  AEROBIC SUPER CIRCUIT FITNESS 1 HR.  (TC)
Prerequisite: PHYED 180. This course is a continuation of PHYED 180 and is designed to further the student's understanding of the aerobic concept of fitness.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 182  AEROBIC SUPER CIRCUIT FITNESS 1 HR.  (TC)
Prerequisite: PHYED 180 and 181. This course is a continuation of PHYED 181 and is designed to further the student's understanding of the aerobic concept of fitness and to better develop aerobic performance.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 183  AEROBIC SUPER CIRCUIT FITNESS 1 HR.  (TC)
Prerequisite: PHYED 180, 181 and 182. This course is a continuation of PHYED 182 and is designed to further the student's understanding of aerobic fitness, to raise aerobic performance levels and to attain the benefits of regular exercise.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 190  SOCCER 1 HR.  (TC)
This course is designed to provide students with an active understanding of the game of soccer. Students will learn the skills necessary to be able to play all of the positions on the field, as well as the technical terms associated with the game.
Lecture Hours: 0 Laboratory Hours: 2.5 or equivalent

PHYED 191  ADVANCED SOCCER 1 HR.  (TC)
Prerequisite: PHYED 190. This course is designed to further the student's knowledge of the game of soccer. High-level skills will be taught to the advanced student.
Lecture Hours: 0 Laboratory Hours: 2.5 or equivalent

PHYED 200  OFFICATING OF WOMEN S SPORT 1 HR.  (TC)
Instruction is provided in officiating techniques for women s sports as designated by the NAGWS in basketball and volleyball.
Lecture Hours: 1 Laboratory Hours: 0

PHYED 203  OFFICATING OF MEN'S SPORTS 1 HR.  (TC)
This course provides instruction in officiating techniques for men's sports as designated by the IHSA in football, soccer, basketball, baseball and wrestling.
Lecture Hours: 0 Laboratory Hours: 2 or equivalent

PHYED 205  FITNESS AND WELLNESS 2 HRS.  (TC)
This course covers basic fitness and wellness information, aiding the student in making lifestyle choices that can lead to increased health and wellness.
Lecture Hours: 2 Laboratory Hours: 0 or equivalent

PHYED 210  SPORT PSYCHOLOGY 3 HRS.  (TC)
Prerequisite: PSY 110 or department approval. This course will provide an overview into the nature of psychology as it applies to sport and leisure activities. Topics that will be discussed include motivation, group dynamics, competition and cooperation, and performance enhancement.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

PHYED 236  SCIENTIFIC BASIS OF HUMAN MOVEMENT 3 HRS.  (TC)
Prerequisite: PHYED 136 or department consent. This is a lecture and laboratory course designed for the student interested in obtaining a basic understanding of the physiological, psychological and sociological effects of exercise.
Lecture Hours: 2 Laboratory Hours: 1

PHYED 276  PERSONAL TRAINING FIELD EXPERIENCE 3 HRS.  (TC)
Prerequisite: PHYED 176. This course is designed to prepare the student for work as a personal trainer. The student will work the floor of the fitness center as a personal trainer, designing workouts, performing exercise testing, and leading group fitness classes. The student will be required to perform six hours per week on the fitness floor/group exercise area.
Lecture Hours: 0 Laboratory Hours: 6 or equivalent

PHYED 277  PHYSICAL EDUCATION TOPICS 1 HR.  (TC)
In this course, students will learn about specifics topics that pertain to physical education, personal training, and sport management. Such topics could include special population education and training, traditional and new methods of training, management of facilities, and marketing techniques. This course is repeatable up to a maximum of three total credit hours.
Lecture Hours: 1 - 3 Laboratory Hours: 0 or equivalent

Physical Science

PHYSC 090  INTRODUCTION TO SCIENTIFIC LITERACY 3 HRS.  (BC)
This course will facilitate student development of scientific literacy through the implementation of student-generated science investigations, utilizing instruction across disciplines in collaboration with faculty members in all departments. This course is intended specifically for students to prepare for transfer level science courses.
Lecture Hours: 2 Laboratory Hours: 2

PHYSC 110  ENERGY AND ENVIRONMENT (P9 900L) 4 HRS.  (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval.
This course provides students not majoring in science with an opportunity to explore fundamental and important environmental and energy issues while learning basic concepts of physical science. It surveys topics of availability of energy resources, storage and consumption of energy, alternative sources of energy, and measurement and management of energy as they relate to our planet's life-support capabilities. Recommended for students who desire to build a background of information useful in keeping abreast of future developments in areas such as construction, transportation, industry, business, agriculture, economics and marketing.
Lecture Hours: 3 Laboratory Hours: 2

PHYSC 114  INTRODUCTION TO ASTRONOMY (P1 906L) 4 HRS.  (TC)
Prerequisite: COMPASS Reading score of 81 or higher, or equivalent, or department approval.
This course explores the origin and nature of the universe, intergalactic space, and the motion within the celestial sphere. Three lecture and two laboratory hours per week including instruction at the Planetarium and Observatory.
Lecture Hours: 3 Laboratory Hours: 2

Physical Therapist Assistant

PHTA 100  PHYSICAL THERAPY ORIENTATION 0.5 HRS.  (OC)
This course is designed to introduce students to the profession of physical therapy and the role of the physical therapist assistant. Basic physical therapy interventions, such as superficial heat and cold modalities, massage, gait training, and therapeutic exercises will be demonstrated and practiced. This course is repeatable one time.
Lecture Hours: 0.5 Laboratory Hours: 0

PHTA 112  INTRODUCTION TO PHYSICAL THERAPY 1 HR.  (OC)
Prerequisite: PHTA 114 and BIOL 140 with a grade of “C” or better and department approval.
This course provides an introduction to the physical therapy profession, the American Physical Therapy Association, the role of the physical therapist assistant, development of communication skills needed in the clinical setting, review of professional literature, and legal and ethical issues in physical therapy.
Lecture Hours: 1 Laboratory Hours: 3

PHTA 114  FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT I 2 HRS.  (OC)
Prerequisite: Acceptance to Physical Therapist Assistant curriculum. This course provides a beginning study of basic physical therapy skills. The emphasis is on asepsis and sterile technique, vital signs, body mechanics, basic positioning and bed mobility skills, wheelchairs, including basic management and mobility, transfer techniques and introduction to the patient chart and SOAP note format.
Lecture Hours: 1 Laboratory Hours: 3

PHTA 115  FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT II 4 HRS.  (OC)
Prerequisite: PHTA 114 and BIOL 140 with a “C” or better, or department approval.
This course provides a continuation of the study of basic physical therapy skills. Emphasis is on the use of assistive devices/introduction to normal gait, techniques of draping and positioning for treatment, principles and practices related to use of selected modalities of therapeutic heat and cold, hydrotherapy, ultrasound, therapeutic massage techniques, documentationSOAP note writing and orientation to clinical practice.
Lecture Hours: 2 Laboratory Hours: 6

PHTA 116  FUNCTIONAL ANATOMY 4 HRS.  (OC)
Prerequisite: PHTA 114 and BIOL 140 with a grade of “C” or better, or department approval.
This course includes analysis of human motion and muscle actions with the role of the physical therapist assistant. Basic physical therapy interventions, such as superficial heat and cold modalities, massage, gait training, and therapeutic exercises will be demonstrated and practiced. This course is repeatable one time.
Lecture Hours: 0.5 Laboratory Hours: 0

PHTA 118  FUNDAMENTALS FOR THE PHYSICAL THERAPIST ASSISTANT II 5 HRS.  (OC)
Prerequisite: PHTA 112, 115, and 116 with a grade of “C” or better or department approval.
This course is designed to provide students with an active understanding of the nature of psychology as it applies to sport and leisure activities. Topics that will be discussed include motivation, group dynamics, competition and cooperation, and performance enhancement.
Lecture Hours: 3 Laboratory Hours: 6
PHYS 104  PRE-TECHNICAL PHYSICS  4 HRS. (OC)
Prerequisite: A grade of “C” or better in MAT 106 or equivalent. This is a course in elementary physics. It is intended to provide the student with an introduction to scientific units of measure, dimensional analysis, and basic applications of physical principles to the student’s technical interests. The topics selected and discussed will be directed toward the student’s field of study.
Lecture Hours: 3 Laboratory Hours: 3

PHYS 110  FOUNDATIONS OF PHYSICS (P1 901L)  4 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an introductory treatment of the study of motion, atomic structure, heat, sound, electricity and light. An attempt is made to relate directly the physical concepts to the major fields of study represented in the class. Designed for students in some of the applied science programs, as a general education course for students in the non-science transfer programs, and as a foundations course for students strengthening their science background before enrolling in one of the regular physics sequences.
Lecture Hours: 3 Laboratory Hours: 2

PHYS 112  TECHNICAL PHYSICS I  4 HRS. (TC)
Prerequisite: A grade of “C” or better in MATH 130 or equivalent. This course covers the basic concepts of mechanics (forces, velocity, acceleration, energy, power), heat and thermodynamics; simple machines; fluid mechanics; and mechanical properties of materials. Mathematics used in computations include algebra, trigonometry, and some basic programming.
Lecture Hours: 3 Laboratory Hours: 3

PHYS 113  TECHNICAL PHYSICS II  4 HRS. (TC)
Prerequisite: PHYS 112. This course covers the advanced concepts of mechanics (impulse, momentum, projectile motion, rotational motion, circular motion, simple harmonic motion); light and optics; electricity; magnetism; solid-state physics; and modern physics (atomic and nuclear physics).
Lecture Hours: 3 Laboratory Hours: 3

PHYS 120  GENERAL PHYSICS (P1 900L)  5 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval and high school or college credit in trigonometry or concurrent enrollment in MATH 120. This course is a study of mechanics and thermodynamics designed for students in the liberal arts.
Lecture Hours: 4 Laboratory Hours: 3

PHYS 121  GENERAL PHYSICS  5 HRS. (TC)
Prerequisite: PHYS 120. This course is a continuation of PHYS 120. The course includes the study of electricity, magnetism, wave motion, light and modern physics.
Lecture Hours: 4 Laboratory Hours: 3

PHYS 211  ENGINEERING PHYSICS: MECHANICS  4 HRS. (TC)
Prerequisite: PHYS 110 or high school physics, MATH 222, and credit or concurrent enrollment in MATH 223. This course is a study of mechanics for students majoring in engineering, mathematics, physics, or chemistry. Topics will include Newton’s laws; linear and rotational kinematics, dynamics, and momentum; systems of particles; work and energy; harmonic motion and waves.
Lecture Hours: 3 Laboratory Hours: 3

PHYS 212  ENGINEERING PHYSICS: ELECTRICITY AND MAGNETISM (PHY 912)  4 HRS. (TC)
Prerequisite: A grade of “C” or better in PHYS 211; a grade of “C” or better or concurrent enrollment in MATH 224. This course is a continuation of PHYS 211 and is a study of electricity, magnetism, and geometric optics for students majoring in engineering, mathematics, physics, or chemistry. Topics will include Coulomb’s Law; electric fields and potential; resistance, capacitance, and inductance; DC and AC circuits; magnetic forces and fields; Laws of Gauss, Ampere, and Faraday; Maxwell’s equations and electromagnetic waves; geometrical optics and polarization.
Lecture Hours: 3 Laboratory Hours: 3

PHYS 213  ENGINEERING PHYSICS: THERMODYNAMICS  2 HRS. (TC)  (EGR 913 PHY 913)
Prerequisite: A grade of “C” or better in PHYS 212 and MATH 224. This course is a continuation of PHYS 212 and is a study of thermal and fluid physics for students majoring in engineering, mathematics, physics, or chemistry. Topics will include: heat and temperature, kinetic theory of gases, specific and latent heat, heat transfer, first and second laws for thermodynamics, heat engines, fluid statics and dynamics, propagation of sound, universal gravitation.
Lecture Hours: 1.5 Laboratory Hours: 1.5

PHYS 214  ENGINEERING PHYSICS: MODERN PHYSICS  2 HRS. (TC)
Prerequisite: A grade of “C” or better in PHYS 213; credit with a grade of “C” or better or concurrent enrollment in MATH 250. This course is a continuation of PHYS 213, a study of modern physics for students majoring in engineering, mathematics, physics, or chemistry. Topics include special relativity; interference and diffraction; photons, matter waves, and the uncertainty principle; wave mechanics; atomic structure and potential wells; solid-state physics and conduction; nuclear and elementary particle physics.
Lecture Hours: 1.5 Laboratory Hours: 1.5

Physics
Political Science

POLSC 115 AMERICAN NATIONAL GOVERNMENT (SS 900) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course presents contemporary American political behavior, government and power relationships at the national level.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

POLSC 119 STATE AND LOCAL GOVERNMENT (SS 902) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course, State and Local Government is designed to familiarize students with the governance structure at the state and local levels. It is also focused on the decision-making processes at those levels of government and the ways in which these entities interact with the national government. A primary emphasis of the course will be a comparative approach with a view toward understanding policy outcomes at all levels of government. Specific attention will be focused on education, criminal justice, health/welfare, environment, and economic development.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

POLSC 120 POLITICAL METHODS AND CONCEPTS (SS 903) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a theoretical approach to questions of international peace, international conflict, the behavior of nations, and the prospects of survival.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

POLSC 122 INTRODUCTION TO INTERNATIONAL RELATIONS (SS 904)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is a theoretical approach to questions of international peace, international conflict, the behavior of nations, and the prospects of survival.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

POLSC 124 COMPARATIVE POLITICAL SYSTEMS (SS 905) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This course is an investigation of democratic and non-democratic political systems. Comparisons are made of political cultures, theories, constitutions, citizen participation, party and group influence, governments, and public policies.
Lecture Hours: 3 Laboratory Hours: 0

Practical Nursing

PRNRS 110 PRACTICAL NURSING I 8 HRS. (OC)
Prerequisite: Acceptance to the Practical Nursing Curriculum and concurrently enrolled in PRNRS 114, BIOL 140, and PRNRS 150 or completion with a grade of "C" or better. This course is the study of nurse concepts to meet patient's basic needs. The emphasis is on human adaptation and the acquisition of skills and knowledge fundamental to the care of all patients. Clinical experiences assist the student to begin assessing the patients, utilizing nursing diagnoses, identifying measurable patient outcomes, developing nursing interventions with focus on Maslow's Hierarchy of Needs.
Lecture Hours: 4 Laboratory Hours: 12

PRNRS 111 PRACTICAL NURSING II 11 HRS. (OC)
Prerequisite: PRNRS 110, 114, and PRNRS 150 with a grade of "C" or better. This course builds upon the concepts introduced in Practical Nursing I and utilizes the nursing process in dealing with more complex health care problems. Supervised clinical experience with adults in hospitals and other community agencies is included.
Lecture Hours: 6 Laboratory Hours: 15

PRNRS 112 PRACTICAL NURSING III 5 HRS. (OC)
Prerequisite: PRNRS 111 with a grade of "C" or better. This course places emphasis on care of the expectant family and pediatric patients. Supervised clinical experience in hospital obstetrics and Pediatrics departments is included.
Lecture Hours: 2 Laboratory Hours: 9

PRNRS 114 PHARMACOLOGY FOR PRACTICAL NURSING 2 HRS. (OC)
Prerequisite: Concurrently enrolled in PRNRS 110 or department approval. This course provides an introduction to pharmacology for practical nurse students. Terminology, classification, administration, and mathematical concepts are emphasized along with the nursing responsibilities related to medication administration.
Lecture Hours: 2 Laboratory Hours: 0

PRNRS 175 NURSE REFRESHER COURSE FOR LICENSED 3 HRS. (VSC)
Prerequisite: An active professional nursing license from the state of Illinois, an inactive nursing license for less than five years, or referral from restoration process set forth by Illinois Department of Financial and Professional Regulation. This course focuses on the study of utilizing the nursing process as a framework to update the nurse’s theoretical nursing knowledge and clinical skills, according to standards established by the Illinois Department of Financial and Professional Regulation for the licensed practical nurse.
Lecture Hours: 2 Laboratory Hours: 4

Professional Development – Tractor/Trailer Driver Training

PDTTD 110 TRUCK DRIVING 7 HRS. (OC)
Prerequisite: Department approval. This course is designed to prepare individuals for a career as a commercial driver and leads to a Tractor Trailer Driver Certificate. Students will develop proficiency in operating a vehicle and will study trucking regulations, reporting requirements, map reading and trip planning. Upon successful completion of course work, students will take the Secretary of State Class A Skills Test. Daytime classes begin monthly, and evening classes begin every two months. Usually taught with forty hours of classroom lecture and 120 hours of yard work and behind-the-wheel practice.
Lecture Hours: 3 Laboratory Hours: 7 or equivalent

Psychology

PSY 110 INTRODUCTION TO PSYCHOLOGY (SS 900) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. Psychology is the scientific study of behavior and mental processes. This course will introduce the student to fundamentals of physiological psychology, sensation and perception, learning, emotions and motivation, and psychological disorders and their treatment. The role of research and the scientific method are emphasized throughout the course.
Lecture Hours: 3 Laboratory Hours: 0

PSY 112 PERSONALITY 3 HRS. (TC)
Prerequisite: PSY 110. This course is a comparison of the major theoretical approaches to explaining personality, including its development and relation to adaptive and maladaptive human behavior. The discussion of empirical research and treatment methods will be included.
Lecture Hours: 3 Laboratory Hours: 0

PSY 115 PSYCHOLOGY OF GENDER DIFFERENCES 3 HRS. (TC)
Prerequisite: PSY 110. This course examines the theoretical explanations and research findings dealing with observed sex-related differences in behavior. The relative contributions of biological, psychological, and socialization factors will be examined.
Lecture Hours: 3 Laboratory Hours: 0

PSY 116 HUMAN POTENTIAL 1 HR. (TC)
This course is designed to help students experience a greater degree of control in their own life, the motivation to change that perceived to need change, and discover what is truly important. Through positive group interaction each participant will increase awareness of self, gain insight into goals, values and motivations, and increase feelings of self-worth. This course is usually taught in eight two-hour sessions.
Lecture Hours: 1 Laboratory Hours: 0

PSY 117 CONFLICT RESOLUTION - LIFESTYLE PLANNING 1 HR. (TC)
Prerequisite: PSY 116. This course emphasizes an advanced phase of the Human Potential experience, the identification and resolution of personal conflicts, and the clarification and affirmation of meaningful lifestyles. Usually taught in eight two-hour sessions.
Lecture Hours: 1 Laboratory Hours: 0

PSY 118 HUMAN SEXUALITY 3 HRS. (TC)
Prerequisite: PSY 110 or department approval. This course focuses on biological, psychological, and sociological correlates of human sexual behavior. Topics include: anatomy and physiology of the reproductive systems, sexually transmitted diseases, birth control, as well as cross-cultural and historical views, sexual variations, dysfunctions and gender identity. Some topics are somewhat sensitive and controversial.
Lecture Hours: 3 Laboratory Hours: 0

PSY 127 CRISIS MANAGEMENT 3 HRS. (OC)
This course emphasizes the identification and resolution of personal and professional conflicts. Cultural issues are considered. Three lecture hours per week for sixteen weeks.
Lecture Hours: 3 Laboratory Hours: 0

PSY 200 EDUCATIONAL PSYCHOLOGY 3 HRS. (TC)
Prerequisite: PSY 110 with a grade of "C" or better, EDUC 111 with a grade of "C" or better or department approval. This course emphasizes the application of psychological principles and knowledge to the learning process in educational setting. The course's objectives are aligned with the Illinois Professional Teaching Standards.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent
PSY 202 CHILD AND ADOLESCENT DEVELOPMENT (S6 903) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval, and PSY 110. This course is a review of research in developmental psychology regarding the physical, perceptual, cognitive, and social development of children and adolescent.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

PSY 215 THE DYNAMICS OF ORGANIZATIONAL BEHAVIOR 3 HRS. (TC)
Prerequisite: PSY 110. This course addresses the theory, research and practical applications of behavior in organizations. Specific topics pertain to understanding self and others at work, creating effective work groups, leadership and management, and effective organizations. Students have the option to apply for a leadership certificate upon completion of additional assigned assignments. Two 75-minute classes per week.
Lecture Hours: 3 Laboratory Hours: 0

PSY 220 ADULTHOOD AND AGING (S6 905) 3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval or PSY 110, SOC 110, or CHILD 120. This course is an examination of the psychological, social and biological influences that affect the human life course from young adulthood to old age. The topics covered may include memory and intellectual functioning, personality and social relationships, physical and emotional health, and life transitions.
Lecture Hours: 3 Laboratory Hours: 0

PSY 225 ABNORMAL PSYCHOLOGY 3 HRS. (TC)
Prerequisite: PSY 110. This course emphasizes the identification and treatment of psychological disorders. Practical applications of the information will be stressed.
Lecture Hours: 3 Laboratory Hours: 0

PSY 250 INTRODUCTION TO RESEARCH METHODS IN THE BEHAVIORAL SCIENCES 3 HRS. (TC)
Prerequisite: MATH 111 and six hours social science; or department approval. This course is an introduction to research design used in fields of psychology, sociology and education. In addition, topical coverage includes the use of descriptive and inferential statistics. Junior and senior level courses in four-year schools normally require this subject as a prerequisite for advanced study in the social sciences.
Lecture Hours: 3 Laboratory Hours: 0

Radiography

RADTK 100 EXPOSURE TO RADIOGRAPHY .5 HRS. (OC)
This course is designed to introduce students to the medical imaging profession and the role of the radiologic technologist. Basic responsibilities of the radiologic technologist, such as patient interaction and procedures, basic radiation protection measures, and general image evaluation skills will be demonstrated and practiced.
Lecture Hours: .5 Laboratory Hours: 0 or equivalent

RADTK 110 FUNDAMENTALS OF RADIOGRAPHY I 6 HRS. (OC)
Prerequisite: Acceptance to Radiography Program. Content is designed to introduce students to radiography and the role of the radiographer as a member of the health care team. Students become familiar with procedures to be followed when working with ionizing radiation and concepts of patient care. Anatomy and terminology of body systems related to the performance of imaging procedures of the chest, abdomen, GI tract, upper extremity, and lower extremity are also presented, with emphasis on positioning and image analysis.
Lecture Hours: 6 Laboratory Hours: 0

RADTK 112 FUNDAMENTALS OF RADIOGRAPHY, DIRECTED 1 HR. (OC)
PRACTICE ORIENTATION
Prerequisite: Concurrent enrollment in RADTK 110. This course provides participation in supervised clinical experience in a hospital medical imaging department.
Lecture Hours: 0 Laboratory Hours: 8

RADTK 120 FUNDAMENTALS OF RADIOGRAPHY II 6 HRS. (OC)
Prerequisite: RADTK 110 with a grade of “C” or better and RADTK 112 with a grade of “S”. This course covers the anatomy and terminology of the bony thorax, shoulder girdle, pelvic girdle, and vertebral column, with emphasis on radiographic positioning and image analysis. Atomic structure, nature and characteristics of radiation, X-ray production, photon interactions with matter and factors affecting emission spectra are also presented. Content also establishes a knowledge base in radiographic, fluoroscopic, and mobile equipment requirements and design, and associated quality management criteria.
Lecture Hours: 6 Laboratory Hours: 0

RADTK 121 FUNDAMENTALS OF RADIOGRAPHY, DIRECTED 3 HRS. (OC)
PRACTICE I
Prerequisite: Concurrent enrollment in RADTK 120. This course provides participation in supervised clinical experience in a hospital medical imaging department.
Lecture Hours: 0 Laboratory Hours: 24

RADTK 150 BASIC PRINCIPLES OF COMPUTED TOMOGRAPHY 1 HR. (OC)
Prerequisite: Concurrent enrollment in RADTK 200. This course provides entry-level radiography students with principles related to computed tomography (CT) imaging.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

RADTK 200 RADIOGRAPHY I 3 HRS. (OC)
Prerequisite: RADTK 120 with a grade of “C” or better and RADTK 121 with a grade of “S”. This course is designed to provide an understanding of the principles and operation of digital imaging systems found in diagnostic radiology. Factors that impact image acquisition, display, archiving and retrieval are discussed. Guidelines for selecting exposure factors, evaluating images, and principles of digital quality assurance and maintenance are presented. This course also provides a fundamental background in ethics and introduction to legal principles and professional standards.
Lecture Hours: 3 Laboratory Hours: 0

RADTK 201 FUNDAMENTALS OF RADIOGRAPHY, DIRECTED 2 HRS. (OC)
PRACTICE II
Prerequisite: Concurrent enrollment in RADTK 200. This course provides participation in supervised clinical experience in a hospital medical imaging department.
Lecture Hours: 0 Laboratory Hours: 14

RADTK 210 RADIOGRAPHY II 6 HRS. (OC)
Prerequisite: RADTK 150 and RADTK 200 with a grade of “C” or better and RADTK 201 with a grade of “S”. This course covers anatomy and terminology related to the performance of radiography of the cranial with emphasis on positioning and image analysis. The principles of radiation protection including the responsibilities of the radiographer for patients, personnel, and the public are presented. Radiation effects on molecules, cells, tissues, and the body as a whole are discussed.
Lecture Hours: 6 Laboratory Hours: 0

RADTK 211 RADIOGRAPHY, DIRECTED PRACTICE III 3 HRS. (OC)
Prerequisite: Concurrent enrollment in RADTK 210. This course provides participation in supervised clinical experience in a hospital medical imaging department.
Lecture Hours: 0 Laboratory Hours: 24

RADTK 220 RADIOGRAPHY III 3 HRS. (OC)
Prerequisite: RADTK 210 with a grade of “C” or better and RADTK 211 with a grade of “S”. This course is designed to provide a knowledge base necessary to perform imaging procedures of the circulatory, lymphatic, biliary, urinary, central nervous, and reproductive systems, and other special studies with emphasis on related pharmacology, equipment, and image analysis. Additional imaging modalities and radiation therapy will also be presented and explored.
Lecture Hours: 3 Laboratory Hours: 0

RADTK 221 RADIOGRAPHY, DIRECTED PRACTICE IV 3 HRS. (OC)
Prerequisite: Concurrent enrollment in RADTK 220. This course provides participation in supervised clinical experience in a hospital medical imaging department.
Lecture Hours: 0 Laboratory Hours: 24

RADTK 230 RADIOGRAPHY IV 2 HRS. (OC)
Prerequisite: RADTK 220 with a grade of “C” or better and RADTK 221 with a grade of “S”. This course enhances students’ knowledge and understanding of current trends and issues related to the radiologic sciences. It also serves as a comprehensive review for the national certification examination.
Lecture Hours: 2 Laboratory Hours: 0

RADTK 231 RADIOGRAPHY, DIRECTED PRACTICE V 2 HRS. (OC)
Prerequisite: Concurrent enrollment in RADTK 230. This course provides participation in supervised clinical experience in a hospital medical imaging department.
Lecture Hours: 0 Laboratory Hours: 14
Lecture Hours: 0 Laboratory Hours: 2

or fiction and nonfiction for pleasure. Rates which can be adapted to whatever is being read – textbooks, business material, or whatever. It will provide students with flexible rates which can be adapted to whatever is being read – textbooks, business material, or fiction and nonfiction for pleasure.

T omography Certification Examination.

Lecture Hours: 0 Laboratory Hours: 2

Lecture Hours: 3 Laboratory Hours: 0

Lecture Hours: 3 Laboratory Hours: 0

Lecture Hours: 3 Laboratory Hours: 0

Lecture Hours: 1 Laboratory Hours: 2

Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evalulative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit. Three to fifteen laboratory hours per week or equivalent.

Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Prerequisite: RADTK 200 with a “C” or better and RADTK 201 with a grade of “S” or department approval. This course is a study of human anatomy in sectional planes visualized in computed tomography (CT), magnetic resonance imaging (MRI), and ultrasound. Emphasis is on anatomy of the head, neck, spine, thorax, abdomen, pelvis, and musculoskeletal system with comparison of plain anatomy to sectional anatomy.

Lecture Hours: 3 Laboratory Hours: 0

Prerequisite: RADTK 210 and 260 with a grade of “C” or better and RADTK 211 with a grade of “S” or department approval. This course is designed to provide an understanding of common pathologic conditions and disease processes. Each disease or traumatic process is studied based on its description, etiology, symptoms, and diagnosis with its appearance on images in radiography, Computed Tomography (CT), Magnetic Resonance Imaging (MRI), Nuclear Medicine and Sonography as applicable. Basic concepts of pharmacology as well as techniques of venipuncture and administration of diagnostic contrast agents are also included.

Lecture Hours: 3 Laboratory Hours: 0

Prerequisite: RADTK 210 and 260 with a grade of “C” or better and RADTK 211 with a grade of “S” or department approval. This course is designed to provide an understanding of the Computed Tomography (CT) system including: operation and components, data acquisition and display, image quality, artifact production and reduction, and quality control standards. CT imaging procedures and radiation protection measures will also be presented.

Lecture Hours: 3 Laboratory Hours: 0

Prerequisite: Graduate of an accredited imaging program and hold a current ARRT certification in Radiography, Radiation Therapy, or Nuclear Medicine (registration with NMTCB is also accepted) and maintain a current license in medical radiation technology from the Illinois Emergency Management Agency (IEMA), Department of Nuclear Safety. Department approval. This course emphasizes the practical aspects of Computed Tomography (CT) through clinical practice including patient positioning, care and handling, as well as scanning protocols for the head, neck, spine, chest, abdomen, pelvis and musculoskeletal system. Supervised performance in an approved hospital and/or imaging center also emphasizes the practical aspects of the equipment and the clinical applications of CT.

Lecture Hours: 0 Laboratory Hours: 24 or equivalent

Prerequisite: Graduate of an accredited imaging program and hold a current ARRT certification in Radiography, Radiation Therapy, or Nuclear Medicine (registration with NMTCB is also accepted); Department approval. This course is designed to provide entry level and experienced Computed Tomography (CT) students with a review of elementary and advanced principles and practices related to CT imaging. Advanced elements included, but are not limited to: patient care and safety, imaging procedures and physics and instrumentation. This course will also assist the student to prepare for the American Registry of Radiologic Technologists (ARRT) Computed Tomography Certification Examination.

Lecture Hours: 2 Laboratory Hours: 0

Reading and Study Skills

READ 110       SPEED READING       1 HRS. (TC)

Prerequisite: Appropriate score on reading placement test or department approval. This course is designed for students who have normal college reading levels, but wish to increase speed and comprehension. It will provide students with flexible rates which can be adapted to whatever is being read – textbooks, business material, or fiction and nonfiction for pleasure.

Lecture Hours: 0 Laboratory Hours: 2

Refrigeration and Air Conditioning

REACT 110       REFRIGERATION I        4 HRS. (OC)

This course studies the fundamentals of the refrigeration system. Emphasis is on operation of the compressor condenser, expansion valve, wiring diagram symbols, electric meters, alternating current fundamentals and single-phase motor theory.

Lecture Hours: 3 Laboratory Hours: 3

REACT 111       PRINCIPLES OF HEAT LOSS/GAIN        3 HRS. (OC)

This course includes an introduction to psychometric charts, air flow and air distribution, heat load - heat gain calculation, the selection and sizing of equipment piping and ducts.

Lecture Hours: 3 Laboratory Hours: 0

REACT 112       RESIDENTIAL AIR CONDITIONING        4 HRS. (OC)

Prerequisite: REACT 110 with a grade of “C” or better. This course studies basic cycle controls, refrigerant characteristics, piping, installation procedures, and accessories found in residential air conditioning systems.

Lecture Hours: 3 Laboratory Hours: 3

REACT 113       DUCT DESIGN        3 HRS. (OC)

Prerequisite: REACT 111 with a grade of “C” or better. In this course, the student will learn to design duct systems based on a residential dwelling heat loss/gain capacities. Students will learn to calculate duct and diffuser sizes based heat loss - heat gain of a residence.

Lecture Hours: 3 Laboratory Hours: 0

REACT 118       ELECTRICITY AS IT APPLIES TO HVAC/R        4 HRS. (OC)

The student studies the principles of electricity as it applies to air conditioning and refrigeration.

Lecture Hours: 3 Laboratory Hours: 3

REACT 119       SHEET METAL FOR HVAC/R        2 HRS. (OC)

Prerequisite: Concurrently enrolled in REACT 120. In this course, the student will learn the principles of sheet metal as it applies to air conditioning and refrigeration.

Lecture Hours: 1 Laboratory Hours: 3

REACT 120       RESIDENTIAL FURNACES        4 HRS. (OC)

Prerequisite: Concurrent enrollment in REACT 110. This course develops the skills needed to understand wiring diagrams for residential forced air furnaces.

Lecture Hours: 3 Laboratory Hours: 3

REACT 121       HEAT PUMPS AND GEOTHERMAL        4 HRS. (OC)

Prerequisite: REACT 112 and REACT 120 with a grade of “C” or better. This course develops the skills needed for hands-on experience in repairing heat pumps, high-efficiency furnaces, and geo-thermal systems.

Lecture Hours: 3 Laboratory Hours: 3

REACT 130       COMMERCIAL REFRIGERATION AND ICE MACHINES I        4 HRS. (OC)

Prerequisite: REACT 112 with a grade of “C” or better. This course includes the study of equipment needed in the medium and low temperature range. Special attention is given to sizing systems, metering devices, controls, electrical schematics and troubleshooting.

Lecture Hours: 3 Laboratory Hours: 3

REACT 131       COMMERCIAL REFRIGERATION AND ICE MACHINES II        4 HRS. (OC)

Prerequisite: REACT 130 with a grade of “C” or better. This course covers electrical installation diagrams and electrical wiring diagrams. An emphasis is placed on the use and reading of schematics of major ice machines, reach-in, walk-in coolers and walk-in freezers.

Lecture Hours: 3 Laboratory Hours: 3

REACT 137       OCCUPATION INTERNSHIP I        1 HR. (OC)

Prerequisite: Department approval. This course will provide the student majoring in Refrigeration, Heating and Air-Conditioning with valuable on-the-job training working with service technicians and/or engineers.

Lecture Hours: 0 Laboratory Hours: 5
Registered Nursing

RNRS 110  NURSING I  6 HRS. (OC)
Prerequisite: Acceptance to the Registered Nursing curriculum and concurrently enrolled in RNRS 210, BIOL 205 and RNRS 150 or completion with a grade of "C" or better. This course is the study of nursing concepts to meet patient's basic needs. The emphasis is on human adaptation and the acquisition of skills and knowledge fundamental to the care of all patients. Clinical experiences assist the student to begin assessing the patients, utilizing nursing diagnosis, identifying measurable patient outcomes, developing nursing interventions with focus on the physiological mode.
Lecture Hours: 4 Laboratory Hours: 0

RNRS 111  PHARMACOLOGY FOR NURSES  2 HRS. (OC)
Prerequisite: Concurrently enrolled in RNRS 110 or 120 or department approval. This course is a study of current pharmacological concepts using a clinical approach. Principles of drug action in relation to the nurse's responsibilities in patient care are emphasized.
Lecture Hours: 2 Laboratory Hours: 0

RNRS 120  NURSING II  6 HRS. (OC)
Prerequisite: RNRS 110, 210, and RNRS 150 with a grade of "C" or better and concurrently enrolled in RNRS 111. This course builds upon the concepts introduced in Nursing I and expands these concepts through the use of the nursing process in providing care to patients with medical health problems and to the expectant family.
Lecture Hours: 4 Laboratory Hours: 6

RNRS 125  NURSING: LPN to RN TRANSITION  2 HRS. (OC)
Prerequisite: Graduate from a state-approved Practical Nursing Program within the last five years or achieve minimal competency on the National League for Nursing's Nursing Acceleration Challenge Exam (NACE) - PN to RN; valid Illinois Licensed Practical Nurse (LPN) license; currently employed or has practiced nursing for a minimum of 12 months within the last 3 years or department approval; CPR certified; one year of high school chemistry, or equivalent, or completion of CHEM 115 with grade "C" or better, within the last five years; must have completed required program and general education courses of BIO 145, BIO 146, BIO 210, RNRS 150, RNRS 111, and RNRS 210 with a grade of "C" or better, within the last five years; must have completed required program and general education courses of PSY 110, SOC 110, FCS 110, ENGL 110, ENGL 111 or COMM 110, HLT 121, Humanities: 3 semester hours with a grade of "C" or better; GPA 2.5. This course is designed to orient the licensed practical nurse for admission into the second year of the Associate in Applied Science Nursing Program degree. Emphasis is placed on role changes from practical nurse to professional registered nurse, nursing process, and nursing care planning. Critical thinking skills and effective communication will also be discussed. Students will receive clinical experience working with medical-surgical patients.
Lecture Hours: 1 Laboratory Hours: 3

RNRS 150  PRINCIPLES OF SAFE MEDICATION ADMINISTRATION  1 HRS. (OC)
Prerequisite: Enrolled in nursing program or department approval. One year of high school algebra or MAT 094 with a grade of "C" or better or math placement into MAT 098. This course will study problem solving related to preparation of and safe administration of oral and parenteral medications for all patient populations. Emphasis will be placed on calculating correct medication dosages, using conversions with units of measure, determining correct quantities, reconstituting and diluting preparations. A lab component will provide practice with medication calculations, conversions, various preparations, and use of syringes to administer medications safely.
Lecture Hours: 1 Laboratory Hours: 0.5

RNRS 175  NURSE REFRESHER COURSE FOR REGISTERED NURSE  5 HRS. (VSC)
Prerequisite: An active professional nursing license from the state of Illinois, an inactive nursing license for less than five years, or referral from treatment process set forth by Illinois Department of Financial and Professional Regulation. This course focuses on the study of utilizing the nursing process as a framework to update the nurse's theoretical nursing knowledge and clinical skills, according to standards established by the Illinois Department of Financial and Professional Regulation for the registered nurse.
Lecture Hours: 3 Laboratory Hours: 6 or equivalent

RNRS 180  INTRAVENOUS THERAPY  1 HRS. (OC)
Prerequisite: Licensed Practical Nurse, Registered Nurse or department approval. This course is designed to provide the student with the knowledge and skill to perform selected tasks in intravenous therapy in stabilized patients under the supervision of a registered nurse, physician, or dentist as advised by the Illinois Nurse Practice Act.
Lecture Hours: 1 Laboratory Hours: 5

RNRS 200  NURSING INTERNSHIP  4 HRS. (OC)
Prerequisite: RNRS 120 with a grade of "C" or better. The Nursing Internship is an optional, elective course which will provide nursing students with the opportunity to continue to explore the scope of nursing practice. The course will provide the student with theory and clinical experiences to strengthen nursing knowledge and skills gained within the first year of the nursing program.
Lecture Hours: 1 Laboratory Hours: 8

RNRS 210  HEALTH ASSESSMENT OF THE ADULT PATIENT  2 HRS. (OC)
Prerequisite: Concurrently enrolled in RNRS 110 or department approval. This course is designed to assist the student to develop or improve his or her assessment skills. Using the techniques of history taking, inspection, palpation, percussion, and auscultation, the student will be able to complete a head-to-toe physical assessment of the adult patient. Emphasis is also placed on proper recording of assessed findings.
Lecture Hours: 2 Laboratory Hours: 1

RNRS 220  NURSING III  10 HRS. (OC)
Prerequisite: RNRS 111 and 120 with a grade of "C" or better; and concurrently enrolled in BIOL 146 or completion with a grade of "C" or better. This course focuses on the study of utilizing the nursing process as a framework to provide nursing care to patients with behavioral health problems and complex health problems.
Lecture Hours: 6 Laboratory Hours: 12

RNRS 221  NURSING IV  10 HRS. (OC)
Prerequisite: RNRS 220 and BIOL 210 with a grade of "C" or better; and concurrently enrolled in RNRS 222. This course focuses on the study of utilizing the nursing process as a framework to provide nursing care to surgical, oncology, orthopedic, and pediatric patients. Managing the holistic needs of patients is emphasized.
Lecture Hours: 5 Laboratory Hours: 15 or equivalent

RNRS 222  NURSING MANAGEMENT AND LEADERSHIP  2 HRS. (OC)
Prerequisite: RNRS 220 with a grade of "C" or better and concurrently enrolled in RNRS 221. This course is designed to facilitate the transition from the role of student to the role of graduate through knowledge of current trends and issues in nursing and the forces which continue to shape the profession.
Lecture Hours: 2 Laboratory Hours: 0

RNRS 255  INDEPENDENT STUDY  1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent
Respiratory Care

RESP 076 CURRENT CONCEPTS IN RESPIRATORY CARE 1 HR. (VSC) Prerequisite: CRT or RRT credential from the National Board for Respiratory Care or department approval. This course is designed to update knowledge in patient assessment, patient care skills, and new equipment. The course is repeatable three times for license renewal. Fourteen lecture and ten laboratory hours in four days or equivalent. 
Lecture Hours: 14 Laboratory Hours: 10 or equivalent

RESP 100 INTRODUCTION TO RESPIRATORY CARE 1 HR. (OC) Prerequisite: Admission to the Respiratory Therapist Program or department approval. This course is an introduction to the respiratory care profession and the organization of the service in the acute hospital setting. Legal and ethical principles will be discussed. Workplace skills and professionalism will be emphasized. 
Lecture Hours: 0.5 Laboratory Hours: 1.5 or equivalent

RESP 112 FUNDAMENTALS OF RESPIRATORY CARE I 4 HRS. (OC) Prerequisite: Admission to the Respiratory Therapist Program. A beginning study of the elementary techniques used in respiratory care are covered and practiced. Included in this course are hyperinflation therapy, chest physiotherapy, medical gas therapy, aerosol therapy, humidity therapy, gas cylinders and regulators, and basic sciences for respiratory care.
Lecture Hours: 3 Laboratory Hours: 3

RESP 115 RESPIRATORY CARE PRACTICUM I 3 HRS. (OC) Prerequisite: Admission to the Respiratory Therapist Program or department approval. This course includes an orientation to the hospital and an introduction to medical terminology and specific respiratory care techniques related to patient skills in a laboratory setting. Students will observe and perform respiratory care techniques in a supervised clinical setting. Sixteen laboratory or supervised practice hours per week.
Lecture Hours: 0 Laboratory Hours: 16

RESP 121 FUNDAMENTALS OF RESPIRATORY CARE II 5 HRS. (OC) Prerequisite: RESP 110, 112, 115, and 122 with a grade of “C” or better. This course is a continuation of RESP 112. Included in this course are pulmonary function testing, blood gas analysis and interpretation, airway management, and basic mechanical ventilation concepts.
Lecture Hours: 4 Laboratory Hours: 3

RESP 122 CARDIOPULMONARY ANATOMY AND PHYSIOLOGY 2 HRS. (OC) Prerequisite: Admission to the Respiratory Therapist Program or department approval. This course gives instruction in the structure and function of the normal cardiopulmonary, vascular and renal anatomy. Mechanics of ventilation, respiration, gas transport, and neurologic control of ventilation will be stressed.
Lecture Hours: 2 Laboratory Hours: 0

RESP 123 PHARMACOLOGY FOR RESPIRATORY CARE 2 HRS. (OC) Prerequisite: RESP 110, 112, 115, and 122 with a grade of “C” or better or department approval. This course is an introduction to the study of drugs, their properties, and classifications. Emphasis will be placed on the types of medication used in respiratory care. Also included is microbiology and sterilization techniques for respiratory care.
Lecture Hours: 2 Laboratory Hours: 0

RESP 125 RESPIRATORY CARE PRACTICUM II 3 HRS. (OC) Prerequisite: RESP 110, 112, 115, and 122 with a grade of “C” or better. This course is a continuation of RESP 115 including supervised experience in the administration of respiratory care.
Lecture Hours: 0 Laboratory Hours: 16

RESP 127 CARDIOPULMONARY DISEASES 3 HRS. (OC) Prerequisite: RESP 110, 112, 115, and 122 with a grade of “C” or better or department approval. This course is an introduction to the study of disease with an emphasis on cardiopulmonary disorders: their etiology, pathophysiology, diagnosis, and treatment.
Lecture Hours: 2 Laboratory Hours: 2

RESP 201 INTRODUCTION TO MECHANICAL VENTILATION 1 HR. (OC) Prerequisite: RESP 121 and 125 with a grade of “C” or better. This course is designed to introduce the respiratory therapist student to intermediate concepts of mechanical ventilation. Emphasis will be on theory and application, measurement of airway resistance, lung/thorax compliance, and guidelines for correct ventilator-patient interface.
Lecture Hours: 0.50 Laboratory Hours: 1.5

RESP 210 FUNDAMENTALS OF RESPIRATORY CARE III 5 HRS. (OC) Prerequisite: RESP 121, 123, and 127 with a grade of “C” or better. This course is a continuation of RESP 121 including pulmonary rehabilitation, invasive monitoring, non-invasive monitoring, special respiratory procedures, and advanced mechanical ventilation concepts.
Lecture Hours: 4 Laboratory Hours: 3
Spanish

SPAN 105  CONVERSATIONAL SPANISH AND CULTURE  3 HRS. (OC)
This course will train participants to communicate effectively with Spanish-speaking personnel in horticultural and agricultural situations, and to learn to appreciate their culture and heritage. Skills will include informal conversation, identifying equipment, giving and taking directions, and discussion of work related issues.
Lecture Hours: 3 Laboratory Hours: 0 or equivalent

SPAN 110  ELEMENTARY SPANISH I  4 HRS. (TC)
Prerequisite: Appropriate score on placement test or "C" or better in ENGL 095 or "C" or better in ENGL 099, or department approval. This course is designed to develop through the natural approach the four language skills in Spanish: listening, speaking, reading, and writing.
Lecture Hours: 4 Laboratory Hours: 0

SPAN 111  ELEMENTARY SPANISH II  4 HRS. (TC)
Prerequisite: SPAN 110 or equivalent. This course is a continuation of SPAN 110 with emphasis on listening, speaking, reading, and writing. The course is conducted primarily in Spanish.
Lecture Hours: 4 Laboratory Hours: 0

SPAN 210  INTERMEDIATE SPANISH I  4 HRS. (TC)
Prerequisite: SPAN 111 or equivalent. This course emphasizes conversation, selected readings, and composition. The course is conducted primarily in Spanish.
Lecture Hours: 4 Laboratory Hours: 0

Spanish General Education Development

SPGED 090  SPANISH GED REVIEW I  1 HR. (ASE)
Prerequisite: Reading level 9-12.9 on a standardized reading test accepted by the Illinois Community College Board or the College or department approval. This course is designed to prepare the student for the Spanish GED Test in the areas of literature, writing, social studies, science, and mathematics.
Lecture Hours: 1 Laboratory Hours: 0

SPGED 091  SPANISH GED REVIEW II  2 HRS. (ASE)
Prerequisite: Reading level 9-12.9 on a standardized reading test accepted by the Illinois Community College Board or the College or department approval. This course is designed to prepare the student for the Spanish GED Test in the areas of literature, writing, social studies, science, and mathematics. This course is repeatable three times.
Lecture Hours: 2 Laboratory Hours: 0

SPGED 092  SPANISH GED REVIEW III  3 HRS. (ASE)
Prerequisite: Reading level 9-12.9 on a standardized reading test accepted by the Illinois Community College Board or the College or department approval. This course is designed to prepare the student for the Spanish GED Test in the areas of literature, writing, social studies, science, and mathematics. This course is repeatable three times.
Lecture Hours: 3 Laboratory Hours: 0

Supply Chain Management

SCM 111  CONTEMPORARY LOGISTICS  3 HRS. (OC)
This course focuses on the complex and dynamic subject of logistics and its role within supply chain management, including a detailed examination of elements of the logistics systems. The course also examines methods of analyzing, implementing, and controlling logistics as used by a firm and those firms with which it is linked.
Lecture Hours: 3 Laboratory Hours: 0

SCM 220  BASICS OF SUPPLY CHAIN MANAGEMENT  2 HRS. (OC)
This course is an introductory course for production and inventory management personnel and certified in production and inventory management (CPIM) candidates. It provides basic definitions and concepts for planning and controlling the flow of materials into, through, and out of an organization. The course addresses types of manufacturing systems, forecasting, master planning, material requirements planning, capacity management, production activity control, purchasing, inventory management, distribution, quality management, and Just-in-Time (JIT) manufacturing.
Lecture Hours: 2 Laboratory Hours: 0

SCM 231  MASTER PLANNING OF RESOURCES  2 HRS. (OC)
Prerequisite: SCM 220 or department approval. This course focuses on developing and validating a plan of supply, relating management of demand to environment, and developing and validating the master schedule. In this course students explore processes used to develop sales and operations plans; identify and assess internal and external demand and forecasting requirements; and effect an achievable master schedule consistent with business policies, objectives, and resource constraints.
Lecture Hours: 2 Laboratory Hours: 0

SCM 232  DETAILED SCHEDULING AND PLANNING  2 HRS. (OC)
Prerequisite: SCM 220 or department approval. This course focuses on material and capacity and scheduling and planning. It includes a detailed explanation of material requirements planning and introduces material-dominated scheduling. It explains capacity requirements planning in detail and introduces processor-dominated scheduling.
Lecture Hours: 2 Laboratory Hours: 0

SCM 233  EXECUTION AND CONTROL OF OPERATIONS  2 HRS. (OC)
Prerequisite: SCM 220 or department approval. This course focuses on three main areas: prioritizing and sequencing work; executing work plans, implementing controls, and reporting activity results; and evaluating and providing feedback on performance. It explains techniques for scheduling and controlling production and process operations and addresses the execution of quality initiatives and continuous improvement plans as well as the control and handling of inventories.
Lecture Hours: 2 Laboratory Hours: 0
SCM 234  STRATEGIC MANAGEMENT OF RESOURCES  2 HRS. (OC)
Prerequisite: SCM 220, 231, 232, and 233 or department approval. This course explores the relationship of existing and emerging processes and technologies to manufacturing strategy and supply chain-related functions. The course addresses these main topics: aligning resources with the strategic plan, configuring and integrating operating processes to support the strategic plan, and implementing change. Lecture Hours: 2 Laboratory Hours: 0

SCM 245  INTRODUCTION TO ENTERPRISE RESOURCE PLANNING (ERP) SYSTEMS  3 HRS. (OC)
This course introduces integrated business processes with Enterprise Resource Planning systems. The course is intended to explain how fundamental business processes including Accounting, Procurement, Fulfillment, Production, Inventory and Warehouse Management, and Material Planning interact with an ERP system like SAP. Lecture Hours: 3 Laboratory Hours: 0

Surgical Technology

SURTK 100  ORIENTATION TO SURGICAL TECHNOLOGY  .5 HR. (OC)
This course is designed to introduce students to the profession of surgical technology. Concepts include the basic principles and techniques of surgical technology, handwashing, scrubbing, gowning, gloving as well as preparing a sterile field. Lecture Hours: 5 Laboratory Hours: 0

SURTK 120  INTRODUCTION TO SURGICAL TECHNOLOGY  4 HRS. (OC)
Prerequisite: Acceptance to the surgical technology curriculum and concurrently enrolled in BIOL 205 or completion with a grade of “C” or better and CPR certification. This course is a study of operating room fundamentals including aseptic technique, patient care, preparation, and maintenance of equipment and supplies. Didactic and practical experiences are designed to prepare the student to function as a surgical technologist. Lecture Hours: 3 Laboratory Hours: 2

SURTK 121  FUNDAMENTALS OF SURGICAL TECHNOLOGY I  7 HRS. (OC)
Prerequisite: Completion of SURTK 120 with a grade of “C” or better and completion of BIOL 205 with a grade of “C” or better and completion of BIOL 206 with a “C” or better or concurrent enrollment in BIOL 206 and current CPR certification. This course is a continuation of Introduction to Surgical Technology with emphasis on acquiring skills of scrubbing and assisting the circulator during surgical procedures in the operating room and delivery room. Specific areas of study include: surgical landmarks, surgical anatomy, incisions and terminology related to laparotomy, hernias, breast, veins, and rectal, obstetrical and gynecological surgical procedures. Lecture Hours: 5 Laboratory Hours: 14

SURTK 122  FUNDAMENTALS OF SURGICAL TECHNOLOGY II  6 HRS. (OC)
Prerequisite: Completion of SURTK 121 with a grade of “C” or better and completion of BIOL 205 and 206 with a grade of “C” or better and completion of BIOL 220 with a grade of “C” or better or concurrent enrollment in BIOL 220 and current CPR certification. This course is a continuation of fundamentals of surgical technology with emphasis on acquiring skills of scrubbing and assisting the circulator during surgical procedures in the operating room and delivery room. Specific areas of study include: genitourinary, orthopedics, and endocrine system. Lecture Hours: 4.5 Laboratory Hours: 12 or equivalent

SURTK 130  PHARMACOLOGY FOR THE SURGICAL TECHNOLOGIST  1 HR. (OC)
Prerequisite: Acceptance into the Surgical Technology Program. This course is a study of pharmacology and its application. It will deal with all aspects of pharmacology: drug sources, forms, nomenclature, route of administration, classifications, pharmacokinetics, pharmacodynamics, drug handling techniques, identification, supplies needed, transfer of medications to the sterile field, commonly used medications, general anesthesia, nerve conduction blocks, history, and team member roles during anesthesia. Lecture Hours: 1 Laboratory Hours: 0

SURTK 210  FUNDAMENTALS OF SURGICAL TECHNOLOGY III  8 HRS. (OC)
Prerequisite: Completion of SURTK 122 and BIOL 205 and BIOL 206 and BIOL 220 with a grade of “C” or better and current certification in CPR. This course is a continuation of Fundamentals of Surgical Technology II with emphasis on acquiring skills of scrubbing and assisting the circulator during surgical procedures in the operating room and delivery room. Specific areas of study include: neurosurgery, thoracic, cardiovascular, burns, plastics, oral, ophthalmic, and otolaryngology. Lecture Hours: 5 Laboratory Hours: 24 or equivalent

SURTK 211  ADVANCED FUNDAMENTALS OF SURGICAL TECHNOLOGY  7 HRS. (OC)
Prerequisite: Completion of SURTK 210 with a grade of “C” or better and current certification in CPR. This course outlines advanced techniques in surgical technology and is a continuation of the fundamentals of surgical technology series. This course will focus on suturing and knot tying techniques, professionalism and interpersonal skills, continuing education, and resume writing. Lecture Hours: 3 Laboratory Hours: 32

SURTK 250  SURGICAL TECHNOLOGY BRIDGE  4 HRS. (OC)
Prerequisite: Department approval. This course outlines advanced techniques in surgical technology and is a continuation of the fundamentals of surgical technology series. This course is a bridge between the previous surgical technology certificate and the Associate in Applied Science Surgical Technology degree. This course will focus on suturing and knot tying techniques, professionalism and interpersonal skills, continuing education, resume writing, robotics, electricity, physics, and computer usage. Lecture Hours: 4 Laboratory Hours: 0

SURTK 255  INDEPENDENT STUDY  1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent study project is developed with a faculty member (including a detailed description of the project, the number of credit hours assigned to it, the evaluative criteria to be used, and other relevant matters), and the project is carried out under the periodic direction of the faculty member. The written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit. Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent

Theatre

THTRE 110  THEATRE APPRECIATION (F1 907)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This is a general education humanities course, and is not a performance based class. This course will enhance the appreciation of the theatre as an art form. Emphasis will be placed upon the dynamic way in which theatre can reflect, enhance, and enlighten the human condition, and includes historical, social, esthetic, and technical aspects of theatrical expression. Lecture Hours: 3 Laboratory Hours: 0

THTRE 111  MODERN DRAMA (F1 907)  3 HRS. (TC)
Prerequisite: COMPASS reading score of 81 or higher, or equivalent, or department approval. This is a general education humanities course, and is not a performance based class. This course introduces the many fascinating forms of drama and should make students aware of the extraordinary vitality and diversity of the modern global theatre through reading and study of various theatrical works. Lecture Hours: 3 Laboratory Hours: 0

THTRE 113  INTRODUCTION TO TECHNICAL THEATRE (TA 911)  3 HRS. (TC)
This course introduces safety procedures and basic techniques of scenery and property construction, tool use, scene painting, basic lighting techniques, and backstage organization. Through the use of laboratory hours, students will have hands-on experience in conjunction with departmental productions. Lecture Hours: 3 Laboratory Hours: 1

THTRE 114  FUNDAMENTALS OF THEATRICAL DESIGN  3 HRS. (TC)
Prerequisite: THTRE 113 or department approval. This course will provide a hands-on introduction to design elements, the design process, and the ability to communicate the progression of a theatrical design from concept to realization. Some areas covered are: script analysis, creating a vision statement, basic drafting, renderings, and model making. Lecture Hours: 3 Laboratory Hours: 1

THTRE 115  STAGE MAKE-UP  2 HRS. (TC)
This course is hands-on introduction to the basic knowledge, techniques, and application of make-up as it applies to theatre and film. Course content will incorporate color analysis and design and application techniques for creating corrective, straight, old age, fantasy, trauma, and special effects make-up for the stage. Lecture Hours: 1 Laboratory Hours: 2

THTRE 118  THEATRE PRACTICUM  1 HR. (TC)
This course offers the student practical experience in on-stage and off-stage theatrical production techniques. The student arranges a minimum thirty-two hours of hands-on experience workshop at times of student’s convenience. Lecture Hours: 0 Laboratory Hours: 32
This course offers the student practical experience in on-stage and off-stage theatrical production techniques. The student arranges a minimum thirty-two hours of hands-on experience workshop at times of student's convenience. Lecture Hours: 0 Laboratory Hours: 32

Prerequisite: THTRE 122 or department approval. This course is a performance course and is a continuation of Acting I. In this course the student-actor will concentrate on the extended development of character and the further application of learned techniques. The student will move from exercises and improvisation to the use of the script and formal application of acting techniques through scene work. Lecture Hours: 3 Laboratory Hours: 1

Prerequisite: THTRE 123 or department approval. This course is a continuation of Directing I. In this course the student-director will further development the director's tools, director/actor communication, and the understanding and use of acting tools and techniques necessary to the rehearsal and performance process. The student will display knowledge and ability to use techniques through class exercises, text analysis, and extended scene work. Lecture Hours: 3 Laboratory Hours: 1

This introductory course focuses on planning and executing costumes for theatrical production including experience in conjunction with departmental presentations. The student learns the use of costume plots, measurements for fittings, procedures for construction, and standard works for research in historical costume periods and folk costume. Lecture Hours: 3 Laboratory Hours: 0

Prerequisite: Department approval. This course is designed to give the student's internship experience in their chosen field of interest under the direct supervision of a professional (Producer, Director, Designer, Stage Manager) while engaged in on-the-job training. The student/intern will also do individual research and study on approved area of interest. Lecture Hours: 1 Laboratory Hours: 10

This course links Creative Dramatics and Children's Theatre. The focus of the first portion is leading children to develop their imaginations through the use of dramatic activities as a learning tool – in any classroom or as an end in itself. The second division, Children's Theatre, involves the analysis of playscripts and the techniques of directing, acting, and designing for the child audience. Lecture Hours: 3 Laboratory Hours: 0

This course offers the student practical experience in on-stage and off-stage theatrical production techniques. The student arranges a minimum thirty-two hours of hands-on experience workshop at times of student's convenience. THTRE 218 and THTRE 219 may be taken a maximum of three times each. Lecture Hours: 0 Laboratory Hours: 32

This course offers the student practical experience in on-stage and off-stage theatrical production techniques. The student arranges a minimum thirty-two hours of hands-on experience workshop at times of student's convenience. THTRE 218 and THTRE 219 may be taken a maximum of three times each. Lecture Hours: 0 Laboratory Hours: 2

Prerequisite: Department approval. This course is for all residents of Illinois Central College District 514 who wish to participate in a summer theatre workshop. They are encouraged to enroll in this exciting venture. High school juniors and seniors may also enroll in this course. Students will work with several theatre instructors in the preparation, rehearsing, staging, and actual presentation of a major production in Illinois Central College Performing Arts Center. Lecture Hours: 3 Laboratory Hours: 0

This performance course is taught in a three-section format. The first section is warm-up; the second is the study of mime techniques; the third is improvisation/performance. Classwork begins with solo work and progresses through duet, trio and ensemble exercises. Completion of this course will provide a basic knowledge of theatrical and dramatic stage movement. Lecture Hours: 0 Laboratory Hours: 6

This course provides instruction in touch typing and basic commands using current word processing software. This course is repeatable up to three times. Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: TYPE 140 with a grade of "C" or higher or touch typing ability at a minimum of 20 correct words a minute. This course will provide keyboard reinforcement and instruction in basic word processing formatting commands for preparing tables, correspondence, and reports. This course is repeatable up to three times. Lecture Hours: 2 Laboratory Hours: 2

Prerequisite: Credit or equivalency in TYPE 121. This course is for all students wanting to register in a typing speed development course (TYPE 140, 141, 142, 143, 144, or 145). The student should enroll in this master course number regardless of speed goal desired. Placement into a specific speed course number will be by the instructor after classes begin and students are tested to confirm speed ability. Lecture Hours: 0 Laboratory Hours: 0

Prerequisite: Touch typing ability and typing speed of 30 wpm. This course will provide students with help in analyzing their typing weaknesses to develop proper techniques and increase speed to 40 NWPM. Lecture Hours: .5 Laboratory Hours: 1

Prerequisite: Touch typing ability and typing speed of 40 wpm. This course will provide students with help in analyzing their typing weaknesses to develop proper techniques and increase speed to 50 NWPM. Lecture Hours: .5 Laboratory Hours: 1

Prerequisite: Touch typing ability and typing speed of 50 wpm. This course will provide students with help in analyzing their typing weaknesses to develop proper techniques and increase speed to 60 NWPM. Lecture Hours: .5 Laboratory Hours: 1

Prerequisite: Touch typing ability and typing speed of 60 wpm. This course will provide students with help in analyzing their typing weaknesses to develop proper techniques and increase speed to 70 NWPM. Lecture Hours: .5 Laboratory Hours: 1

Prerequisite: Touch typing ability and typing speed of 70 wpm. This course will provide students with help in analyzing their typing weaknesses to develop proper techniques and increase speed to 80 NWPM. Lecture Hours: .5 Laboratory Hours: 1

Prerequisite: Touch typing ability and typing speed of 80 wpm. This course will provide students with help in analyzing their typing weaknesses to develop proper techniques and increase speed to 90 NWPM. Lecture Hours: .5 Laboratory Hours: 1
Welding Technology

WLDTR 111 WELDING BLUEPRINT READING 3 HRS. (OC)
This is a course designed for welding blueprint reading for related job improvement. Drawings studied include views, sectional views, auxiliary views, dimensioning, fasteners, material symbols, and working drawings. Problems which will enable students to apply information concerning commonly accepted welding standards will be assigned.
Lecture Hours: 3 Laboratory Hours: 0

WLDTR 112 WELDING THEORY I 1 HR. (OC)
Prerequisite: Concurrent enrollment in WLDTR 121 or departmental approval. This course is designed to acquaint the student with materials and equipment used in oxyacetylene and stick welding, heat effects and how to counteract them, safety hazards and their avoidance, the theory of oxyacetylene and stick welding, and techniques practiced in corresponding laboratory courses WLDTR 115 and WLDTR 121.
Lecture Hours: 1 Laboratory Hours: 0

WLDTR 115 MAINTENANCE WELDING 2 HRS. (OC)
Prerequisite: WLDTR 112, WLDTR 122, WLDTR 212, and WLDTR 225 with grades of "C" or better and concurrent enrollment in WLDTR 226 or departmental approval. This course is designed to instruct the student in the theory and practice of maintenance welding. Subjects discussed include equipment selection, filler metal selection, metallurgy, preventative maintenance techniques to increase mean time between failures, and failure analysis. Laboratory practice will include instruction in stick, oxyacetylene, metal inert gas welding, tungsten inert gas welding, and low temperature joining.
Lecture Hours: 1 Laboratory Hours: 3

WLDTR 119 WELDING PROCESSES 2 HRS. (OC)
This course emphasizes welding procedures, techniques, and equipment currently used in industry. Consideration is given to welding equipment design and implementation, shielded metal arc welding, metal inert gas welding, tungsten inert gas welding, resistance welding, hard-surfacing, metalizing, arc gouging, automated welding and cutting, robot welding, and weldment design.
Lecture Hours: 1 Laboratory Hours: 3

WLDTR 120 WELDING 2 HRS. (OC)
This course is designed to acquaint the student with common welding techniques and equipment used currently in trades and industry. Consideration is given to welding with arc and oxyacetylene in the various positions, hard surfacing, brazing, cutting, electrode selection, and metal identification. The student is expected to develop basic skills in general welding.
Lecture Hours: 1 Laboratory Hours: 3

WLDTR 121 STICK WELDING I 1 HR. (OC)
Prerequisite: Credit or concurrent enrollment in WLDTR 112 or department approval. This course is the first in a series of stick welding courses. The student will develop proficiency in the safe operation of manual shielded metal arc welding processes in the flat position to meet commercial quality standards.
Lecture Hours: 0 Laboratory Hours: 3

WLDTR 122 STICK WELDING II 1 HR. (OC)
Prerequisite: Credit or concurrent enrollment in WLDTR 121 or department approval. This course is a continuation of WLDTR 121. The student will develop proficiency in the safe operation of the manual shielded metal arc welding process in horizontal position to meet commercial quality standards.
Lecture Hours: 0 Laboratory Hours: 3

WLDTR 123 STICK WELDING III 1 HR. (OC)
Prerequisite: WLDTR 122 with a "C" or better or department approval. This course is a continuation of WLDTR 122. The student will develop proficiency in the safe operation of the manual shielded metal arc welding process in vertical position to meet commercial quality standards.
Lecture Hours: 0 Laboratory Hours: 3

WLDTR 124 STICK WELDING IV 1 HR. (OC)
Prerequisite: WLDTR 122 with a "C" or better or department approval. This course is a continuation of WLDTR 123 Stick Welding III. The student will develop proficiency in the safe operation of the manual shielded metal arc welding process in overhead position to meet commercial quality standards.
Lecture Hours: 0 Laboratory Hours: 3

WLDTR 150 WELD CERTIFICATION PREPARATION AND TESTING 1 HR. (OC)
Prerequisite: Department approval. This course introduces students to specific weld certification requirements and the practice necessary to complete the weld test. Lecture and laboratory hours will vary depending upon the course content and the credit assigned to the course. This course is repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 5 - 3 Laboratory Hours: 2 - 9 or equivalent

WLDTR 201 WELDING EQUIPMENT MAINTENANCE 3 HRS. (OC)
Prerequisite: WLDTR 112, 212, 121, and 225 with a grade of "C" or better or department approval. This course is a study of the theory, construction, operation, and repair of a wide variety of commercially available welding equipment. Troubleshooting and preventive maintenance will be stressed.
Lecture Hours: 2 Laboratory Hours: 3

WLDTR 212 WELDING THEORY II 1 HR. (OC)
Prerequisite: WLDTR 112 and 121 with the grade of "C" or better or department approval. This course emphasizes techniques and theory of welding using the Gas Metal Arc (GMAW) and Tungsten Inert Gas (TIG) welding processes, as practiced in WLDTR 225 and 226. Special techniques such as flux core and granular flux shielded submerged arc welding are also covered.
Lecture Hours: 1 Laboratory Hours: 0

WLDTR 225 SEMI-AUTOMATICARC WELDING 1 HR. (OC)
Prerequisite: Concurrent enrollment in WLDTR 212 or department approval. This course is designed to broaden the knowledge and skill of the experienced production welder by developing proficiency in the safe operation of the semi-automatic arc welding processes. Extensive practice in continuous wire gas shielded arc welding, flux cored gas shielded and unshielded welding, arc cutting and surfacing to meet commercial quality standards for welding of structural grade steels will be included in this course.
Lecture Hours: 0 Laboratory Hours: 3

WLDTR 226 GAS TUNGSTEN ARC WELDING 1 HR. (OC)
Prerequisite: WLDTR 121 with a grade of "C" or better or department approval. This course is designed to broaden knowledge and skill by developing proficiency in the safe operation of the tungsten inert gas all-position welding process, and for joining of common and alloy steels and aluminum to meet commercial quality standards.
Lecture Hours: 0 Laboratory Hours: 3

WLDTR 227 ADVANCED INDUSTRIAL SEMI-AUTOMATIC ARC WELDING (GMAW) 1 HR. (OC)
Prerequisite: WLDTR 225 with a grade of "C" or better and WLDTR 111 with a grade of "C" or better or department approval. This course is designed to advance the knowledge and skill of the experienced production welder by developing proficiency in the safe operation of the semi-automatic arc welding processes. A review of wire gas shielded arc welding, flux cored gas shielded and unshielded welding, and arc cutting and surfacing to meet commercial quality standards for welding or structural grade steels will be included in the course. This course is also a review of WLDTR 225 and WLDTR 111.
Lecture Hours: 0 Laboratory Hours: 4

WLDTR 230 WELD TESTING 3 HRS. (OC)
Prerequisite: WLDTR 112, WLDTR 121, WLDTR 212, WLDTR 225 with a grade of "C" or better, or department consent. This course is a survey of welding inspection methods and technology, welding metallurgy, and welding codes. Included in the course are visual, destructive, and non-destructive inspection and testing techniques commonly used in industry to assure quality in welded products. The course includes an overview of the inspector's responsibilities, ethical concerns, and relationships with welding personnel. Laboratory assignments require the use of welding processes to construct test samples, inspection and testing of welded samples, research, and report writing.
Lecture Hours: 2 Laboratory Hours: 3

WLDTR 240 ADVANCED WELDING 3 HRS. (OC)
Prerequisite: MECTK 138, MAT 106, WLDTR 212, 225, 226, and 230 all with a grade of "C" or better, or department approval. This course provides the student with an opportunity to utilize the skill and knowledge gained through the Welding Technology program to solve industrial welding problems, assess weld quality, and improve manufacturing systems employing welding. It is a combination of lecture, team projects, and laboratory assignments simulating the job requirements of a welding technician.
Lecture Hours: 2 Laboratory Hours: 3

WLDTR 255 INDEPENDENT STUDY 1-5 HRS. (OC)
Prerequisite: Department approval. This course provides the opportunity to work on a technical project, research, or other specialized study related to individual academic needs. A written plan for the independent-study project is developed on a technical project, research, or other specialized study related to individual academic needs. A written plan is submitted to the dean/associate dean for approval and remains on file within the department, together with a final written report submitted to the faculty member by the student. Repeatable up to a maximum of five semester hours of credit.
Lecture Hours: 0 Laboratory Hours: 3 - 15 or equivalent
Word Processing

WP 122 KEYBOARD/WORD PROCESSING III 4 HRS. (OC)
Prerequisite: TYPE 121 with a grade of "C" or better. This course is a continuation of the word processing commands and formatting learned in TYPE 121. The course utilizes word processing commands such as merging, styles, columns, and tables with math calculations as they are used to prepare business documents. This course is repeatable up to three times.
Lecture Hours: 3 Laboratory Hours: 2

WP 152 PROOFREADING 1 HR. (OC)
Prerequisite: OFOCC 114 with a grade of "C" or better. This course is designed to teach and develop office-style proofreading techniques and skills.
Lecture Hours: 1 Laboratory Hours: 0

WP 161 DATA ENTRY 1 HR. (OC)
Prerequisite: Ability to type 40 net words per minute. This course develops numeric keypad proficiency from a variety of sources and formats with a specified percent of accuracy.
Lecture Hours: 0 Laboratory Hours: 2

WP 186 WORD PROCESSING FOR DESKTOP PUBLISHING 3 HRS. (OC)
Prerequisite: WP 122 with a grade of "C" or better. This course will address specific desktop publishing features in currently used word processing software for a variety of business applications.
Lecture Hours: 2 Laboratory Hours: 0

Work Skills

WRKSK 092 JOB PREPAREDNESS I 2 HRS. (ABE)
Prerequisite: Reading level of 4.0-8.9 on a standardized reading test accepted by the Illinois Community College Board or the College. This course assists students in developing and/or updating job readiness skills.
Lecture Hours: 2 Laboratory Hours: 0

WRKSK 093 JOB PREPAREDNESS II 2 HRS. (ASE)
Prerequisite: Reading level of 9.0-12.9 on a standardized reading test accepted by the Illinois Community College Board or the College. This course assists students in developing and/or updating job readiness skills.
Lecture Hours: 2 Laboratory Hours: 0

Non Credit Courses

CRAFT C13 DRAWING AND PAINTING I 0 HRS. (NC)
Eight two and one-half hour sessions.
Lecture Hours: 1 Laboratory Hours: 0

CRAFT C15 CERAMICS 0 HRS. (NC)
Eight two-hour sessions.
Lecture Hours: 1 Laboratory Hours: 0

CRAFT C16 OIL PAINTING 0 HRS. (NC)
Eight two-hour sessions.
Lecture Hours: 1 Laboratory Hours: 0

CRAFT C41 CERAMICS PRACTICUM 0 HRS. (NC)
Prerequisite: ART 204 and 205. Eight two and one-half hour sessions.
Lecture Hours: 0 Laboratory Hours: 1

CRAFT C42 SCULPTURE PRACTICUM 0 HRS. (NC)
Prerequisite: ART 112 and 206. Eight two and one-half hour sessions.
Lecture Hours: 0 Laboratory Hours: 1

CRAFT C43 PAINTING PRACTICUM 0 HRS. (NC)
Prerequisite: ART 200 and 201. Three laboratory hours per week for eight weeks.
Lecture Hours: 0 Laboratory Hours: 1.5

CRAFT C44 DRAWING PRACTICUM 0 HRS. (NC)
Prerequisite: ART 006 and 007. Eight two and one-half hour sessions or equivalent.
Lecture Hours: 0 Laboratory Hours: 1.5 or equivalent

REC C05 SPORTS ACTIVITIES AND FITNESS 0 HRS. (NC)
Participation in various activities designed to promote physical fitness. Activities include volleyball, badminton, and other conditioning activities and games.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

REC C06 TENNIS 0 HRS. (NC)
This course includes instruction of the rules, strategy, and scoring and etiquette of the game. Students are introduced to the fundamentals of the basic strokes and singles and doubles competition. Eight two-hour sessions or equivalent.
Lecture Hours: 1 Laboratory Hours: 0 or equivalent

REC C17 MODERN DANCE PRACTICUM 0 HRS. (NC)
Prerequisite: DANCE 140 and 141 both with a grade of "C" or better. This course is designed to allow advanced dance students who have completed DANCE 140 and 141 the opportunity to continue advanced training. Students may enroll in Modern Dance Practicum, REC C17, any number of times.
Lecture Hours: 1 Laboratory Hours: 2 or equivalent

REC C26 AEROBIC EXERCISE 0 HRS. (NC)
This physical fitness class is designed to improve the cardiovascular system as well as body muscle flexibility. Eight two-hour sessions or equivalent.
Lecture Hours: 0 Laboratory Hours: 1

REC C27 ADVANCED AEROBIC FITNESS 0 HRS. (NC)
Prerequisite: REC C26. This course is designed for students seeking a more advanced fitness program. Students begin at their own pace, then increase along with the help of the instructor to improve cardiovascular (heart and lungs) muscular strength, flexibility, coordination, body composition and balance. Eight two-hour sessions.
Lecture Hours: 1 Laboratory Hours: 0

REC C36 BALLET PRACTICUM 0 HRS. (NC)
Prerequisite: DANCE 120 with a "C" or better. This course is specifically structured to meet the needs of those ballet students who have (1) completed both DANCE 110 and 120, and (2) desire to continue with ballet lessons, but are unable to either enroll in a day section of DANCE 210 or successfully audition for the Tazwood Dance Company. Sixteen two-hour sessions or equivalent.
Lecture Hours: 2 Laboratory Hours: 0

REC C37 PRAIRIE WIND ENSEMBLE 0 HRS. (NC)
Prerequisite: Two semesters of MUS 131 and two semesters of MUS 231. This course is available to all students who have successfully completed four semesters in the Concert Band (MUS 131 and 231). Sixteen-hour sessions and performances as may be scheduled.
Lecture Hours: 3 Laboratory Hours: 0

REC C50 RACQUETBALL 0 HRS. (NC)
This course provides progressive development of skill in arm strokes, footwork, serve, volley, kill shots, rules and general strategy, and types of competition.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C51 SOFTBALL 0 HRS. (NC)
This course stresses individual skills in batting, bunting, base running, sliding, fielding, throwing, pitching, infield skills, and outfield skills. The individual is introduced to basic concepts of offensive and defensive team play.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C52 BOWLING 0 HRS. (NC)
This course gives instruction in footwork and the fundamental movement in delivery. Rules, terminology, scoring and etiquette are also covered.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C53 GOLF 0 HRS. (NC)
This course stresses the techniques of driving, fairway shots, pitching and putting. The student is introduced to general rules and match and stroke play.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C54 ADVANCED GOLF 0 HRS. (NC)
This course provides the student with the basic techniques of driving, fairway shots, pitching and putting. The class receives instruction on shot selection that would be utilized in actual competition.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C55 BEGINNING SWIMMING 0 HRS. (NC)
This course gives instruction to beginners and low intermediates who need additional practice in shallow water. The five basic strokes and beginning diving are taught.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C56 INTERMEDIATE SWIMMING 0 HRS. (NC)
This course gives instruction in the front and back crawl, elementary back-stroke, side-stroke, and breast-stroke for improved efficiency. Diving and rescue skills are also included.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C57 FIGURE FITNESS FOR WOMEN 0 HRS. (NC)
This course provides concepts and application of exercise and nutrition toward total fitness.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent

REC C58 PHYSICAL CONDITIONING 0 HRS. (NC)
This course involves calorie-burning and weight training to promote physical fitness.
Lecture Hours: 0 Laboratory Hours: 1 or equivalent
Rec C59  Weight Training  0 HRS. (NC)  
In this course, the student will learn concepts and application of selected resistance equipment and/or free weights to promote strength and physical fitness plus aerobic exercise.  
Lecture Hours: 0 Laboratory Hours: 1 or equivalent  

Rec C62  Philharmonic Chorale  0 HRS. (NC)  
This ensemble is open to persons with previous choral experience. Membership is based on audition.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C64  Heart of Illinois Chorus  0 HRS. (NC)  
This ensemble is for students with previous choral experience and interest in female barbershop style singing. Membership is through audition.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C65  Concert Choir  0 HRS. (NC)  
Prerequisite: Two semesters of MUS 134 and two semesters of MUS 234. This course is for all students who are interested in singing, and who have successfully completed four semesters in the Concert Choir (MUS 134 and 234). Sixteen three-hour sessions and performances as may be scheduled.  
Lecture Hours: 0 Laboratory Hours: 3  

Rec C66  Chamber Singers  0 HRS. (NC)  
Prerequisite: Department approval and two semesters each of MUS 130 and 230. This course allows voice majors to enroll in this ensemble which is open to a limited number of auditioned singers. Three laboratory hours per week for eight weeks.  
Lecture Hours: 0 Laboratory Hours: 1.5  

Rec C67  Aerobic Circuit Fitness  0 HRS. (NC)  
Prerequisite: PHYED 183. This course is a continuation of PHYED 183 and is designed to further the student's understanding of total physical fitness.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C70  Aerobics  0 HRS. (NC)  
This course will emphasize the utilization of various aerobic techniques to promote physical fitness. The student will receive instruction in the basic concepts and techniques of mixed impact aerobics, step, kickboxing and muscle toning activities in order to develop personal wellness and fitness.  
Lecture Hours: 0 Laboratory Hours: 2  

Rec C77  Jazz Dance Practicum  0 HRS. (NC)  
Prerequisite: DANCE 131 with a grade of "C" or better. This course is designed to allow advanced dance students who have completed DANCE 130 and 131 the opportunity to continue advanced training. Students may enroll in Jazz Dance Practicum, REC C77, any number of times.  
Lecture Hours: 1 Laboratory Hours: 2  

Rec C79  Tap Dance Practicum  0 HRS. (NC)  
Prerequisite: DANCE 151 with a grade of "C" or better. This course is designed to allow advanced dance students who have completed DANCE 150 and 151 the opportunity to continue advanced training. Students may enroll in Tap Dance Practicum, REC C79, any number of times.  
Lecture Hours: 1 Laboratory Hours: 2 or equivalent  

Rec C80  Aerobic Super Circuit Fitness  0 HRS. (NC)  
Prerequisite: PHYED 183. This course is an annual non-credit course that allows full-time faculty, staff, retirees and their spouses who have successfully completed PHYED 180-183 to continue to expand their health and fitness knowledge and behavior.  
Lecture Hours: 0 Laboratory Hours: 2  

Rec C81  Aerobic Super Circuit Fitness  0 HRS. (NC)  
Prerequisite: PHYED 183. This course is an annual non-credit course that allows students over 65 years of age who have successfully completed PHYED 180-183 to continue to expand their health and fitness knowledge and behavior.  
Lecture Hours: 0 Laboratory Hours: 2  

Rec C82  Aerobic Super Circuit Fitness  0 HRS. (NC)  
Prerequisite: PHYED 183. This course is an annual non-credit course that allows students between 16 and 64 years of age who have successfully completed PHYED 180-183 to continue to expand their health and fitness knowledge and behavior.  
Lecture Hours: 0 Laboratory Hours: 2  

Rec C83  Aerobic Super Circuit Fitness  0 HRS. (NC)  
Prerequisite: PHYED 183. This is an annual non-credit course that allows adjunct faculty and part-time staff who have successfully completed PHYED 180-183 to continue to expand their health and fitness knowledge and behavior.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C84  Central Illinois Jazz Train  0 HRS. (NC)  
This course is available to persons with previous jazz experience. Membership is by audition only.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C85  Health and Wellness for Seniors  0 HRS. (NC)  
This non-credit course is designed for adults over age 60 who wish to expand their knowledge of health and wellness for seniors. Aspects of physical, psychological and social wellness are covered. Other topics include historical and cultural perspectives of wellness, as well as application of lifestyle choices which can lead to increased health and wellness.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C86  ICC Hard Bop Jazz Band  0 HRS. (NC)  
Prerequisite: Two semesters of MUS 132 and two semesters of MUS 232. This course is available to all students who have successfully completed four semesters in the Jazz Band (MUS 132 and 232). Sixteen three-hour sessions and performances as may be scheduled.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C87  Prairie Wind Ensemble  0 HRS. (NC)  
This course is available to all individuals that play wind or percussion instruments that have successfully auditioned for the ensemble.  
Lecture Hours: 0 Laboratory Hours: 2 or equivalent  

Rec C94  Tazwood Dance Company  0 HRS. (NC)  
This course is designed to allow advanced dance students the opportunity to continue advanced training. Membership is awarded through audition.  
Lecture Hours: Laboratory Hours: 2
Special Programs/Classes

Academic Discovery Program .................................................. 308
CONNECT ................................................................................. 308
Dual Credit Classes ................................................................. 308
GED Review Classes ............................................................... 308
Honors Program ...................................................................... 308
International Education Program .......................................... 308
Online Certificate and Degree Options .................................. 309
Weekend College .................................................................... 309
Professional Development Institute ......................................... 309
Youth Programs .................................................................... 309
Academic Discovery Program
The Academics Discovery Program is designed for new, "undecided" students. It combines two college transfer courses, "College Success" (ORIEN 110), and "Career Choices" (ORIEN 111). This combination of classes develops student success skills and transfer level study techniques along with selecting a college major. In addition, "Learning Strategies" (ORIEN 099) assists students who need study skills but are not at transfer level. For more information, contact Advisement and Counseling Services at (309) 694-5281.

CONNECT (formerly known as QUEST)
East Peoria Campus • 302B • (309) 694-5162

CONNECT is an innovative program that helps students adjust to college life. CONNECT also helps with the transfer process to a four-year college or university.

What does the program offer?
1. Academic advisement, guidance and support that helps to insure a seamless transfer from the community college to a four-year college or university.
2. A "Community of Learning" that replicates the intellectual and social climate of a residential college or university. CONNECT students may choose to take advantage of free tickets for cultural events and seminars, attend a variety of lectures and field trips, or take part in social and volunteer activities all of which contribute to learning outside the classroom.
3. Special CONNECT classes that provide an enriched version of the general education requirements through innovative teaching strategies. These approaches provide opportunities to actively participate in classroom learning, address a variety of learning styles, and encourage higher-level thinking.
4. A supportive network and "home base" that can mean the difference between failure and success.

The CONNECT program is limited to 350 students.

Minimum requirements include:
1. ACT score of 20 or above; or rank in the upper one-half of graduating class.
2. Enrollment in an arts degree, science degree or transferable degree curriculum.
3. An Illinois Central College earned GPA of 2.5 or higher.

Students must maintain a GPA of 2.5 and participate in CONNECT activities, classes, and events to remain active in the program.

GED Review Classes
Students who don’t have a high school diploma can prepare for GED® (General Educational Development) Tests by taking FREE review classes offered in a variety of locations throughout the Illinois Central College District.

The review classes cover all areas necessary to pass the GED Tests, including state and federal constitutions. For more information, phone (309) 694-5240.

Honors Program
East Peoria Campus • 221B • (309) 694-8455

Illinois Central College offers an Honors Program for students who exhibit academic excellence. Students accepted into the Honors Program receive: 1) free tuition for all credit courses; 2) access to honors courses with small class sizes; 3) opportunity to network with other honors students; 4) opportunities to enhance leadership skills through community service; 5) honors recognition on the academic transcript and commencement service when the program is successfully completed. Honors classes are based on active student participation through research assignments, in-depth class discussion, group projects and independent study.

The program is limited to 50 participants. Entry into the program is competitive and based on ACT/SAT scores, high school GPA, and other criteria.

Applications for the fall semester are due by February 15. Applications for the spring semester are due by November 1.

Minimum qualifications include:
1. A composite ACT score of 27.
2. Current college students must also have a cumulative GPA of 3.35 or better on a 4.0 scale.
3. Students must be considered an in-district student.

To remain in the program, the Honors student must maintain a cumulative GPA of 3.35 or better and must enroll in two honors sections of classes offered each semester.

For more information access the college website at www.icc.edu/campuslife/honorsProgram.asp.

International Education Program
East Peoria Campus • (309) 694-8817 or (309) 694-8947

The purpose of the international education program is to promote the development of internationally competent citizens. This objective is addressed by assistance to faculty in internationalizing the content and perspective of the curriculum, by developing and promoting of opportunities for students, faculty and staff to study abroad, by welcoming international students, faculty, and visitors to ICC and by sponsoring events emphasizing cultural awareness on campus.

Students may choose a semester program in China; Canterbury, England; Carlow, Ireland; Spain; Salzburg, Austria; or summer sessions in San Jose, Costa Rica, and France. A student is not limited to these programs specifically. There are programs to match his/her needs. Most programs are endorsed by the Illinois Consortium of International Study Programs (ICISP) and provide ICC credit. To be eligible for these programs, students must have completed a minimum of 15 hours with a cumulative grade point average of at least 2.75. Final determination of acceptance rests with ICC.
Online Certificate and Degree Option
A student may complete specific degree and certificate programs online. Refer to the ICC Virtual Campus office at (309) 694-8888 or icconline@icc.edu or visit www.icc.edu/VirtualCampus.

Weekend College
ICC North, Cedar Hall • C26 • (309) 690-6866
Offered during the fall and spring semesters, courses are offered on Friday evenings, Saturday mornings, Saturday afternoons, and Sunday afternoons. This format offers busy students an opportunity to attend full-time and complete most of the general education requirements.

Professional Development Institute (PDI)
ICC North, Hickory Hall • (309) 690-6900
The Professional Development Institute at Illinois Central College is a comprehensive training organization whose mission is to serve businesses and individuals by providing both open enrollment and customized, in-house, on-site or online educational experiences. With a dedicated staff, state-of-the-art technology, and community and academic resources, PDI seeks to continuously improve programs and services to their customers. For more information, visit www.icc.edu/pdi.

Youth Programs
ICC North, Hickory Hall • (309) 690-6914
The College for Kids program offers a wide variety of non-credit classes to students entering grades four through nine.
The ACT Review is regularly scheduled shortly before the national ACT Exam dates and includes a review of test-taking strategies, English, math, science, reading and writing materials similar to those covered by the exam.
Student Services and Organizations

Academic Advisement .......................................................... 312
Academic Placement Testing ............................................... 312
Athletics and Recreational Activities .................................. 312
Bookstore ............................................................................. 312
Career Services .................................................................... 313
The Children’s Center ............................................................ 313
Counseling Services ............................................................... 313
Dental Hygiene Clinic ............................................................ 313
Enrollment Services ............................................................... 313
Fitness Center ....................................................................... 314
Food Services ........................................................................ 314
Health Services ..................................................................... 314
Housing .................................................................................. 314
Information Center ................................................................. 315
Learning Labs ........................................................................ 315
Learning Resource Centers ................................................... 315
Massage Therapy Clinic ....................................................... 315
Office for Access Services ..................................................... 315
Student Leadership and Engagement ................................... 316
Student Education and Service Ambassadors .................... 316
Student Employment .............................................................. 316
Student Insurance .................................................................. 316
Technology Services ............................................................... 316
Testing Center ....................................................................... 316
Transfer Center ..................................................................... 316
Transportation ....................................................................... 317
TRiO Student Support Services ............................................ 317
Veterans .................................................................................. 317
Academic Advisement

East Peoria Campus • CC200 • (309) 694-5281

ICC North, Cedar Hall • C28 • (309) 690-6893

Academic Advisement services are available to all students attending Illinois Central College. Advisors assist students in planning the appropriate classes each semester for their program of study. Advisors provide guidance concerning specific program requirements and serve as a source of information regarding general education requirements, College policies and procedures, and transferring to a college or university.

Students in a specific curriculum are assigned to either a departmental or faculty advisor in that area. Undecided students are assigned to the Advisement and Counseling Services Office for advisement and are assisted by counselors who are trained to help them with their academic planning and career exploration.

All full-time students are required to obtain academic advisement and must have an advisor’s approval each semester to enroll in twelve or more credit hours. Part-time students are strongly encouraged to seek advisement each semester before enrolling. The student is responsible for scheduling an appointment with his/her advisor. Students can obtain their advisor’s name and contact information from eServices, departmental offices, or the Advisement and Counseling Services Office, CC200.

Academic Placement Testing

East Peoria Campus • L220 • (309) 694-5234

Downtown Peoria, Thomas Bldg • 103B • (309) 999-4500

ICC North, Cedar Hall • C27 • (309) 690-6870

ICC South, Pekin • (309) 353-5088

To help students succeed, the college gives COMPASS math and reading placement tests to learn which classes are most appropriate. Other tests are also used for appropriate placement.

Academic placement testing in reading and math are required of all full-time students. Advisors will evaluate transfer and part-time students on an individual basis to determine testing needs. Study guides are available at the Testing Center or online at www.act.org/compass/sample or www.interactmath.com.

Entrance into Biology 205 is dependent upon successful completion of the Anatomy and Physiology placement test (or successful completion of both CHEM 115 or higher and BIOL 111 or BIOL 160). Study information is available at www.icc.edu/FutureStudents/PlacementTesting.asp.

Other placement tests are available but not required for individuals with background knowledge in Spanish, Music Theory, and Engineering.

For more information call the Testing Center at (309) 694-5234 or visit the ICC website at www.icc.edu/FutureStudents/PlacementTesting.asp.

Athletics and Recreational Activities

In addition to courses in physical education, Illinois Central College offers many opportunities for participating in sports.

INTRAMURALS

ICC’s intramural program provides students an opportunity to compete in a sport or recreational activity suited to their interest and abilities. All sports are co-educational and may include: tennis, disc golf, basketball, flag football, bowling, and volleyball. Intramural sports played each year are based on student input. Contact the Intramural Office, CougarPlex, Room 113, (309) 694-5494.

INTERCOLLEGIATE ATHLETICS

Illinois Central College is a member of the National Junior College Athletic Association for men and women. Students who are interested in sports and meet eligibility requirements established by the college and by the NJCAA are encouraged to contact the head coach of the appropriate sport. Competition for men includes golf, baseball, basketball, soccer, and cross country. Women’s sports include volleyball, basketball, softball, soccer, and cross country. Individual athletes and teams have successfully represented ICC in state, regional, and national tournaments.

For additional information visit the ICC website at www.icc.edu, click the Athletics link, choose the sport(s) of interest to you, click on the "RECRUIT ME!" tab, and submit your completed Recruiting Profile for each individual sport. You may also contact the Athletics Office, located in the CougarPlex, at (309) 694-5426.

Bookstore

East Peoria Campus • L201 • (309) 694-5207

When Classes are in Session: M-TH 7:30 a.m. - 6:00 p.m.
www.icc.edu/bookstore
F 7:30 a.m. - 4:30 p.m.

ICC North, Cedar Hall • (309) 690-6804

Hours of operation vary – (Check the ICC web site). Textbooks and supplies may be purchased at either location at the beginning of each semester only for classes offered at that location.

The Illinois Central College Bookstore is located on the East Peoria Campus and carries a variety of textbooks, study aids, school supplies, and art supplies. The Bookstore will special order any book not in stock. A wide selection of college apparel, book bags, and gifts are also available. ICC gift cards are available for purchase in any denomination.

Prior to the start of each semester, students have the opportunity to purchase textbooks online through the Bookstore’s web site. Orders must be prepaid using VISA, MasterCard or Discover. Financial aid, scholarships and grants can also be used as a method of payment to prepay for online orders. Check the Bookstore’s website for specific dates and more information on online ordering.

All students paying by check, renting a textbook, or using a bookstore charge account will be required to show their ICC student ID. Students can obtain an ID at the Customer Service Desk inside the Bookstore. The first ID is free, and any ID that is lost or stolen will be replaced for a $10 fee.
The Bookstore offers a growing list of textbook rentals that can provide a savings of up to 50%. Textbooks are pulled by the bookstore staff to ensure every student has the correct books needed for their classes. A copy of your class schedule is required to get your books. Drop off your schedule at the textbook counter, located at the front of the store, and your books will be pulled in a timely manner. You can obtain a copy of your schedule at the kiosk next to the textbook counter.

Full refunds on textbooks are allowed when the textbook meets the return guidelines. The books must be in the same condition as when purchased. Returns require the original cash register receipt. Refer to the back of the receipt or the Bookstore’s website for exact refund dates. Book Buyback takes place during final exam week. Only books in good condition and those that will be used the following semester at Illinois Central College will be considered for “buyback”. The Bookstore can only buy a limited number of each book. The number is set based on the course enrollment for the next semester the course is offered. Books can be sold to wholesale book companies year-round, either through an online or an in-store database. Buyback, of any kind, is never a guarantee! For more information on buyback, please refer to the bookstore’s website.

Career Services

East Peoria Campus • CC207 • (309) 694-5153
ICC North • (309) 690-6893

Discover your interests, abilities, personality preferences, and work values. Career Services has resources to help you make career and educational choices. College credit and non-credit courses, as well as computerized information for career options are available.

Employment Information • Phone (309) 694-5321

Students and graduates seeking full- or part-time employment off campus or on campus are welcome to utilize a full range of services including resume assistance and interview tips. A detailed brochure of options is available.

The Children’s Center

East Peoria Campus • (309) 694-5116

The Children’s Center, located on the East Peoria Campus, provides care and education for students’ children (ages 2-5 years and potty trained) on a full-time, full-day, or hourly basis. Open Monday through Friday, we have standard and reduced rates and also work with students on billing to Child Care Connection, if applicable. Many students also pay for child care through financial aid. The Center has a planned curriculum guided by our experienced and educated teachers, hot lunch, snacks, and a daily rest period. We are nationally accredited (NAEYC) and have a Star Level Three on the Quality Rating System for IDHS. If you are interested in enrolling your child in the Center, obtain an application from the Children’s Center Manager. The number of children we can accommodate is limited and parents sign up for the semester.

A Summer Explorer Camp is available for children 6-12 years of age for 10 weeks each summer. Registration packets will be available each April. Activities include a provided lunch and snacks, gym time, field trips, exciting art and science, computer time, water play and much more!

For information on any of the Children’s Center’s activities, go online to www.icc.edu/childcenter or call (309) 694-5116.

Counseling Services

East Peoria Campus • CC200 • (309) 694-5281

- Professional counseling services are available to enrolled students who are experiencing emotional problems which interfere with their ability to function in an educational environment.
- Services are completely confidential and available free of charge; however, students may be referred to other agencies for more in-depth services.
- Appointments regarding career planning and skills assessment based on previous education or work experience are available on an individual basis and should be scheduled through this office.
- The Counseling Office offers individual assistance to students who are dealing with issues such as test anxiety, procrastination, and other areas that may be interfering with their educational success.

SEXUAL ASSAULT RESPONSE TEAM

Illinois Central College has established a Sexual Assault Response Team (SART) to provide emergency and follow-up services to victims of sexual assault who are enrolled in classes at ICC. The team also provides prevention programs to educate students, faculty and staff about topics such as: date rape drugs, personal safety, self-defense and acquaintance rape.

If you want to talk to a member of the SART Team you can call the Counseling Office, (309) 694-5281, Health Services, (309) 694-5475, Campus Safety & Security (309) 694-5223, or the Center for Prevention of Abuse (309) 691-0551. All services offered are completely confidential. The College places the highest priority on protecting the health and safety of everyone in the college community and encourages anyone who has experienced sexual assault to seek assistance.

Dental Hygiene Clinic

Downtown Peoria, Thomas Bldg. • (309) 999-4616

Dental hygiene care is provided at the Thomas Building Dental Hygiene Clinic. This service consists of cleaning, fluoride treatment, x-rays, and instruction in home care for a nominal fee. Appointments can be made for anyone five years of age and older.

Enrollment Services

East Peoria Campus • L211 • (309) 694-5600

Some services provided by Enrollment Services include:
- Admission processing
- Enrollment (adding or dropping classes)
- Evaluation of credits earned at other colleges and universities, or military credits
- Transcripts (providing you, other schools, or businesses an official record of your Illinois Central College courses)
- Graduation evaluation and certification
- Distribution of graduation caps, gowns, diplomas, and diploma covers
Enjoying your drink. Seating is casual with computers available to surf the net while having a snack.

The Birchwood Cafe offers regular or flavored coffee or your choice of Latte’s, Mocha’s, Cappuccinos, and Smoothies. Also available are snacks, hot and cold deli sandwiches, chips, snack items, desserts, fried items, and a wide assortment of beverages.

A student lounge area with WiFi is available for seating. There is also an outdoor patio area.

**Café Ca$h** Good at all Food Services locations.

Simplify paying for your food with CaféCa$h. CaféCa$h lets you pre-pay for cafeteria items using your ICC ID card. You can load money onto your card at any food service location by using cash, personal check, or credit card. When you make a purchase, your card is swiped and you receive a receipt showing you the balance left on your card. You can even get a total history of your transactions! You can add money to your card again and again. No need to carry cash or credit cards again to purchase food items!

**Food Services**

**East Peoria Campus Cafeteria**

Hours – Academic Year: M-TH 7:00 a.m. - 7:00 p.m.
F 7:00 a.m. - 1:30 p.m.
Hours – Summer Semester: M-TH 7:00 a.m. - 6:30 p.m.
F 7:00 a.m. - 1:30 p.m.
Check website for holiday hours

The East Peoria Campus Cafeteria is the main hub of all Food Service operations.

The cafeteria offers daily entrees, grill items as well as hot and cold deli sandwiches, chips, snack items, desserts, soups and a wide assortment of beverages. Check our web site for a daily menu.

There is a large open seating area or you may walk down the hall to the Tranquility Room (Room 209A for a more quiet atmosphere. For those enjoying the outdoors the back deck offers ample seating in wood-like surroundings (enter from the Tranquility Room or the hallway after Room 211).

**Café Breve**

Hours – Academic Year: M-TH 7:00 a.m. - 8:00 p.m.
F 7:00 a.m. - 1:00 p.m.
Hours – Summer Semester: M-TH 7:00 a.m. - 7:30 p.m.
closed fridays
Check website for holiday hours

The Café Breve offers regular or flavored coffee or your choice of Latte’s, Mocha’s, Cappuccinos, and Smoothies. Also available are snacks, sandwiches and other cold beverages.

Seating is casual with computers available to surf the net while enjoying your drink.

**Fitness Center**

**East Peoria Campus • CougarPlex • (309) 694-5419**

Students, ICC employees, and community members can improve their strength, endurance, flexibility, and body composition at the fitness center, located on the CougarPlex, on the East Peoria Campus. The fitness center is equipped with free weights, plate loaded machines, selectorize machines, and 60 pieces of cardiovascular equipment. To use the Fitness Center you must purchase a membership, available at the front desk of the CougarPlex or online (http://fitnesscenter.icc.edu). Members will be given an orientation and have full access to the facility. The CougarPlex contains three full courts (tennis, volleyball, basketball), two batting cages, a golf net, and a three-lane walking/jogging track. In addition, the facility includes locker rooms, two group exercise rooms, a lounge, and juice bar.

**Food Services**

**East Peoria Campus Café• East Peoria Campus • Technology Center**

Hours – Academic Year: M-TH 7:30 a.m. - 1:30 p.m.
F 10:00 a.m. - 1:30 p.m.
Hours – Summer Semester: M-TH 7:30 a.m. - 1:30 p.m.
closed fridays
Check website for holiday hours

The Birchwood Cafe offers regular or flavored coffee or your choice of Latte’s, Mocha’s, Cappuccinos, and Smoothies. Also available are snacks, hot and cold deli sandwiches, chips, snack items, desserts, fried items, and a wide assortment of beverages.

A student lounge area with WiFi is available for seating. There is also an outdoor patio area.

**Café Ca$h** Good at all Food Services locations.

Simplify paying for your food with CaféCa$h. CaféCa$h lets you pre-pay for cafeteria items using your ICC ID card. You can load money onto your card at any food service location by using cash, personal check, or credit card. When you make a purchase, your card is swiped and you receive a receipt showing you the balance left on your card. You can even get a total history of your transactions! You can add money to your card again and again. No need to carry cash or credit cards again to purchase food items!

**Health Services**

**East Peoria Campus • 338C • (309) 694-5481**

**MEDICAL EMERGENCY: DIAL 5111**

Health Services provides no cost, confidential health care needs, including emergency first aid, treatment of minor illnesses, health counseling, and referrals to community resources. Health Services office hours are Monday through Friday, 8:00 a.m. - 4:30 p.m.

Students suffering from chronic illness, such as diabetes, seizure disorder, dizziness or fainting spells, migraine headaches, or severe allergic reactions, should advise Health Services staff.

A detailed brochure of other services is available in the Health Services Office.

Illinois Central College is not responsible for any medical bills of students who are injured or become ill while attending classes on or off campus. Students are encouraged to purchase health insurance if they are not covered under a spouse, parent, or employer’s health plan. Information on optional health insurance plans can be obtained from Health Services, Room 338C, East Peoria Campus.

**Housing**

**East Peoria Campus • (309) 698-2088 or 694-8959**

WoodView Commons offers on campus student housing. There are a range of apartment choices including efficiencies, two and four bedroom units. Apartments include all utilities as well as extended basic cable and Internet. All apartments have full service kitchens complete with stove, refrigerator, dishwasher and built in dining study area. Two and four bedroom units are completely furnished and each private bedroom is equipped with cable and telephone outlets. Some of the amenities include an outdoor swimming pool, picnic pavilion and a sports court for volleyball and basketball. Additional on-site services include laundry facilities, computer lab, clubhouse, maintenance worker, and courtesy officer.
Information Center

East Peoria Campus • Main Entrance (Atrium)
(309) 694-5422

Questions? Where? When? Who? Students and guests can find out more about College events, and other events held on campus, at the Information Center located inside the Main Entrance on the East Peoria Campus. Get directions to department offices, a copy of the class schedule, or information on the bus schedule.

Learning Labs

LEARNING LABS

East Peoria Campus • 236A • (309) 694-5768
Downtown Peoria, Thomas Bldg • 103B • (309) 999-4514
ICC North, Cedar Hall • 136 • (309) 690-6833

The Learning Labs offer free academic assistance to all ICC students. Services include tutoring in a variety of subjects, computer assisted learning, assistance with internet research, Blackboard (ICC's online course management system), study skills, and supplemental instruction in specific courses. Labs are open every day that classes are in session. Students can see schedules online on the ICC homepage under the Current Students tab, Academic Support and in Blackboard, Learning Labs. No appointments needed.

MATHEMATICS LAB • RM 235A • (309) 694-5222

The Mathematics Lab provides free tutorial help to math students at all levels. The Math Lab is staffed by both faculty tutors and student tutors willing to help ICC math students on an individual basis. No appointment is necessary. The Math Lab also offers individualized, self-paced courses (MAT 100) in computational mathematics: arithmetic of whole numbers, fractions, decimals, percents, introduction to algebra, and introduction of geometry.

THE STUDIO

East Peoria Campus • 238A • (309) 694-5292
ICC North, Cedar Hall • C144 • (309) 690-6809

The Studio offers consultations during all stages of the writing process. The Studio also offers reading consultations. Stop by to schedule an appointment, or make an appointment through The Studio’s website at thestudio.icc.edu. Walk-ins are welcome.

Learning Resource Centers

Library/Audio-Visual

East Peoria Campus • L312 • (309) 694-5461
Downtown Peoria, Thomas Bldg • 103 • (309) 999-4611
ICC North, Cedar Hall • C59 • (309) 690-6837

Many types of printed learning materials and media are available. Students are encouraged to make full use of the library's facilities for study, research, leisure reading, class preparation, and browsing. Much of the media is available for students to check out for off campus use; a student ID is required to check out these materials. Professional library assistance is accessible through a variety of ways (in person, via the phone, or online), and detailed information explaining library services and procedures can be found online at http://libguides.icc.edu/libraryservices.

All ICC libraries have networked computer stations (with printing capabilities) for student completion of classroom assignments.

Audiovisual Materials

Audiovisual materials are available at all three ICC library locations. Students may check out video recordings, audio recordings, and other audiovisual programs as assigned by their instructors. The instructor should provide the student the call number which identifies the item to listen to or view. Visual materials must be viewed within each particular library. Selected audiotapes for language, music, or other programs of instruction may be checked out for use off campus. A student ID is required to check out and use all programs.

Massage Therapy Clinic

North Campus, Arbor Hall • (309) 690-6822

Supervised student massage is provided at the Therapeutic Massage Clinic. The service consists of student assessing client health information, performing a 50 minute massage with mild to moderate pressure, and providing wellness instructions for a $20 fee. Appointments may be scheduled via scheduleicity.com for adults, 18 years of age and older, in general good health. For more information, call 309-690-6822.

Office for Access Services

East Peoria Campus • L208
(309) 694-5749 • TTY/Video Relay (309) 694-5721

In accordance with the Americans with Disabilities Act of 1990, as amended, and Section 504 of the Rehabilitation Act of 1973, as amended, the Office for Access Services assists students with disabilities in obtaining reasonable accommodations to access their classes and the campus. ICC offers support services to students with varying disabilities including health, physical, mental/psychological, sensory, learning and temporary disabilities.

Accommodative services and adaptive equipment are available based on individual student need. Services include sign language interpreting, peer notetaking assistance, adaptive equipment, enlargements or tactile graphing of papers, Braille equipment and translation software, assistance in obtaining alternate formatting of materials, and special testing accommodations for classes. The office provides advisement and consultation to students. Tutoring for ICC students is done through the various tutorial labs on campus – The Studio, Math, and Learning Labs.

Students with disabilities seeking academic accommodations must provide written documentation of their disability from appropriate licensed professionals with recommendations for the types of accommodations needed. It is imperative students meet with the Coordinator of the Office for Access Services in advance to plan access and accommodations for the semester.

Students needing information on accessible parking should contact Campus Safety and Security, East Peoria Campus 103, (309) 694-5223, for details.

The TTY in the Office for Access Services is a dedicated line with an answering machine for added convenience.

TTY Phone Numbers

694-5700 Enrollment Services
694-5223 Campus Police Department
694-5475 Health Services
999-4518 Downtown Peoria Campus
694-5721 Office for Access Services
Student Leadership and Engagement

**East Peoria Campus • 305B • (309) 694-5201**

Student Leadership and Engagement provides opportunities for students to gain leadership skills and experiences outside of the classroom. This department coordinates New Student Orientation, Welcome Days, L.E.A.D., and provides advisement for Student Government Association and Campus Activities Board. Students interested in volunteering for campus and community events, should come to the office to learn about service opportunities through the SESA program. Students who have been involved in community service and other leadership activities can work with Student Leadership and Engagement on a co-curricular transcript, which helps students maintain a validated record of all their out-of-class activities during their academic career at ICC.

**STUDENT LIFE**

Students have many opportunities for interaction and campus involvement outside of the classroom through a broad range of social, recreational, cultural, and intellectual programs and events that extend academic learning into life experiences. Students are encouraged to stop by Student Leadership and Engagement to explore all that is available.

**STUDENT ORGANIZATIONS**

Over 50 student organizations are active on campus and represent a diverse range of academic, social, political, recreational, and cultural interests. Student organizations are led by students and are always looking for new members to join. All student organizations have a faculty or staff advisor. Students are encouraged to stop by Student Leadership and Engagement to find a match. If a student’s particular interest is not being met by existing student organizations, and there are other students with similar interests, then Student Leadership and Engagement with work with students on forming a new organization.

**Student Education and Service Ambassadors**

Students may also participate in short-term or ongoing volunteer service on campus and in the community through the Student Education and Service Ambassadors (SESA) Program. This involvement can be included in the DETAILS transcript by student request. Membership applications are available from Student Leadership and Engagement.

**Student Employment Off Campus**

See “Career Services” page 313.

**Student Employment On Campus**

**ELIGIBILITY FOR EMPLOYMENT**

To be eligible to work as a student employee, students must establish they are not actively seeking full-time employment and must be enrolled at Illinois Central College. To qualify for or remain in the student employment program, students must maintain good academic standing as defined by the College’s Academic Standards Policy (see page 6).

Students must be at least 18 years of age to be eligible for employment in building maintenance, receiving, grounds and vehicle maintenance, food services, public safety, and other jobs normally classified as a service position by the College. In some service areas, students must complete a health screening session in the Health Services Office, 338C, prior to employment. In addition, students will be required to submit driver summary information and satisfy insurability requirements prior to becoming employed in a service position involving operation of College vehicles.

Student employees are protected under State and Federal laws in regard to Equal Employment Opportunities and Sexual Harassment. For more information, phone Human Resources, (309) 694-5720.

**Technology Services**

**COMPUTER LABS**

Public and instructional computer labs are located on all four ICC sites. Public computers are located in each of the ICC libraries. Classroom computer labs are scheduled for academic use by the academic departments.

**HELP DESK**

**East Peoria Campus • L122 • (309) 694-5457**

Having problems accessing Blackboard, network access or email? Check the website for the ICC Technology Help Desk hours and give us a call. After hours send an email describing your technology problem to icchelpdesk@icc.edu, include your name and telephone number and a staff member will call you back the next business day to assist you. Remember never send private information such as passwords or date of birth in your email.

**Testing Center**

**East Peoria Campus • L220 • (309) 694-5234**

**Downtown Peoria,Thomas Bldg • 103B • (309) 999-4500**

**ICC North, Cedar Hall • Reg Desk • (309) 690-6870**

**ICC South, Pekin • (309) 353-5088**

Academic placement testing is available at the locations listed above. Credit by examination (CLEP and departmental proficiency exams) are available only at the East Peoria Campus Testing Center. In addition, if a student misses an exam in the classroom the instructor may have the student take a proctored test at the East Peoria Campus and/or ICC North Testing Center. All testing is by appointment.

**Transfer Center**

**East Peoria Campus • 303B • (309) 694-5330**

The Transfer Center helps students who plan to transfer to a four-year college or university following their education at Illinois Central College. Students may obtain detailed information about transferrable coursework and degree requirements for four-year schools that will assist with planning their academic program at Illinois Central College.
The Transfer Center provides information on the Illinois Articulation Initiative (IAI). Staff is available to answer questions about transfer procedures, admission requirements, housing, and transfer scholarships. Internet access is also available to assist students with college searches. Email questions to transfercenter@icc.edu. For an additional transfer program refer to CONNECT on page 308.

Transportation
Students are responsible for their own transportation to the College. Currently, CityLink, Peoria's bus transportation, has routes to and from our East, North and Downtown sites. Schedules may be obtained from the bus company or the College Information Center in the East Peoria Campus Atrium.

Designated parking areas are provided for visitors, students and staff. Handicapped spaces are available for people with physical disabilities. Display of proper staff/faculty as well as handicapped parking permits is mandatory. Violators will be ticketed. “Traffic and Parking Regulations” information booklets are available at the campus Information Centers and Campus Police Department Offices. Questions regarding traffic and parking regulations can be answered by any Campus Police Officer or by the Campus Police Chief at (309) 694-5225

TRiO Student Support Services
East Peoria Campus • L220C • (309) 694-8940

TRiO Student Support Services (formerly New World) provides academic support services, activities, and events for students who meet at least one of the following criteria:
• You are a first-generation college student (neither parent has a bachelor's degree)
• You qualify for financial aid (as determined by USDE guidelines)
• You have a documented disability

Services available at no cost to students include: academic advisement, financial aid advisement, tutoring, transfer assistance, scholarship opportunities, college visits, cultural enrichment trips, and workshops. TRIO is funded by a grant from the U.S. Department of Education.

The mission of TRIO Student Support Services is to enhance academic, personal, and professional development by increasing the persistence, graduation, and transfer rates of ICC students. Your goal in TRIO is successful completion of a certificate or degree.

Veterans
East Peoria Campus • 304B • (309) 694-5562

Veterans who plan to use veteran benefits while attending Illinois Central College should contact the Veterans Affairs Office. When applying for benefits be sure to bring a copy of your separation papers (DD-214) or other documents so we may assist you with the application process.
Who’s Who

Departmental Administration and Faculty ......................... 320
Board of Trustees .................................................................. 322
Administration ...................................................................... 322
Departmental Administration and Faculty

Academic Services

Dean
Wright, Jill
PhD
Southern Illinois University-Carbondale

English, Humanities, and Language Studies

Abplanalp, Edward
PhD
University of Nebraska-Lincoln

Altken, Nicole
PhD
Illinois State University

Atkes, Megan
MA
University of Chicago

Baldridge, Elizabeth
PhD
University of Illinois

Birk, Lois
MA
Bradley University

Bonvicini, Andrew
MA
University of Loyola Chicago

Decker, James
PhD
Northern Illinois University

Dinkins, Shari
MA
San Francisco State University

Hillabold, Susan
PhD
University of Alberta

Hopp, Jennifer
MA
Eastern Illinois University

Jordan, Edwina
MSE
Northern Illinois University

Krause, Helen
MA
Bradley University

Parlier, Sarah
PhD
Illinois State University

Resnick, Paul
MA
Truman State University

Richrath, Jennifer
MA
Southern Illinois Univ.-Carbondale

Sanders, Susan
EdM
University of Illinois-Urbana

Scott, Stephanie Guedet
MA
Bradley University

Shurtleff, Craig
MA
Utah State University

Sullivan, James
PhD
University of Illinois

Vance, Margot
MS
Illinois State University

Vargas, Tatiana
ME
Carthage College

Webber, Eric
PhD
Southern Baptist Theological Seminary

Wilson, Deborah
PhD
University of California-Irvine

Social Sciences and Public Services

Associate Dean, Social Sciences
Spiller, Marwin
PhD
University of Illinois-Urbana

Ashley, Paula
PhD
Arizona State University

Busch, Nicholas
MS
The Ohio State University

Christian, Eric
MS
Oklahoma State University

Cordell-Brunton, Maxine
PhD
University of Illinois-Urbana

Dougherty Deborah
MS
Illinois State University

Ensell, Colleen
MS
St. Louis University

Frautsch, Laurel
MA
Appalachian State University

Fuller-Fricker, Rebekah
PsyD
Fuller Theological Seminary

Graff, G. Nicholas
MS
University of Illinois-Springfield

Higgins, Thomas
JD
John Marshall Law School

Huff, Judy
MA
Bradley University

Kelts, Daniel
MA
Bradley University

Mendenhall, Stan
MS
Illinois State University

Morrow, Therese
MS
Western Illinois University

Phelps-Clydon, Mary
MS
Southern Illinois Univ.-Edwardsville

Simms, Adrienne
MA
University of Northern Colorado

Stamm, Jon
MA
University of Illinois-Chicago

Stauffer, Denise
MS
Illinois State University

Thigpen, Gay
MA
Bradley University

Thomas, Barbara
MS
Illinois State University

Thompson, David
PhD
The Ohio State University

White, Earl Anthony
PhD
Capella University

Agricultural and Industrial Technologies

Dean
Sloan, Michael
MS
Illinois State University

Baggett, John
MS
Western Illinois University

Bailey, A. Marc
BS
Southern Illinois University

Branan, Robert
MEd/BSMF
University of Illinois

Cook, David L.
BS
Ferris State University

Daugherty, Michael
MS
University of Illinois

Dominchini, Cod
PhD
Kansas State University

Fandel, Peter
MS
University of Illinois

Flinn, Steven
MS
Southern Mississippi University

Fortier, Todd
BA
Eastern Illinois University

Gardner, Jeffrey
Diploma
Nashville Auto Diesel College

Arts and Communication

Dean
Gray, Christopher
MA
Illinois State University

Bean, Roger
MS
Illinois State University

Berkeley, Robin
MFA
University of Oklahoma

Chianakas, Joseph
MA
North Dakota State University

Clemens, Julie
MMEd
Illinois State University

Costa, Jennifer
MFA
East Carolina University

Davis, Eli
MFA
Bradley University

Dewey, Pamela
MA
University of Illinois-Springfield

Business, Hospitality, and Information Systems

Dean
Howar, Julie
MBA
William Woods University

Ashwood, Susan
AGS
Spoon River College

Dean, Dorothy
MED
Northern Illinois University

Goren, M. Brent
MA
Eastern Illinois University

Hale, Gary
MA
Southern Illinois Univ-Carbondale

Harms, Lawrence
MM
Illinois State University

Hedemann, Debra
MS
Indiana State University

Howell, Ronald
MA
Auburn University

Jones, Anthony
MA
Western Illinois University

McMorrow, Thomas
BAR
University of Illinois

Newton, Janet
MA
University of Illinois

Kim Roe
MA
Northwestern University

Rusch, Alvin
MA
University of Illinois

Samoylova, Anastasia
MFA
Bradley University

Savolaskis, Martin
MFA
Bradley University

Schimmel, Kari
MA
Northern Illinois University

Smit, David
MA
Bradley University

Tuccillo, Anita
MFA
University of Notre Dame

Tuccillo, John
MA
University of New Mexico

Who’s Who

Gehrig, Stacy
MS
Eastern Illinois University

Greben, Grant
MS
University of Illinois

Gunther, Robert
BA
University of Illinois - Springfield

Huisenga, Donna
MS
Saint Joseph College

Im, Trevor
AAS
Illinois Central College

Matthews, R. Mark
AAS
AAS
John A. Logan College

Olson, Dale
AAS
Illinois Central College

Morgenstern, David
AAS
Illinois Central College

Polein, W. Richard
EdD
University of Illinois

Rippey, Curt
AAS
Illinois Central College

Thomas, Kevin
MS
Southern Illinois Univ.-Carbondale

Weaver, Brian
BS
Ferris State University

Wester, Thomas
MS
Pittsburg State University

Gehrig, Stacy
MS
Eastern Illinois University

Greben, Grant
MS
University of Illinois

Gunther, Robert
BA
University of Illinois - Springfield

Huisenga, Donna
MS
Saint Joseph College

Im, Trevor
AAS
Illinois Central College

Matthews, R. Mark
AAS
AAS
John A. Logan College

Olson, Dale
AAS
Illinois Central College

Morgenstern, David
AAS
Illinois Central College

Polein, W. Richard
EdD
University of Illinois

Rippey, Curt
AAS
Illinois Central College

Thomas, Kevin
MS
Southern Illinois Univ.-Carbondale

Weaver, Brian
BS
Ferris State University

Wester, Thomas
MS
Pittsburg State University

Arts and Communication

Dean
Gray, Christopher
MA
Illinois State University

Bean, Roger
MS
Illinois State University

Berkeley, Robin
MFA
University of Oklahoma

Chianakas, Joseph
MA
North Dakota State University

Clemens, Julie
MMEd
Illinois State University

Costa, Jennifer
MFA
East Carolina University

Davis, Eli
MFA
Bradley University

Dewey, Pamela
MA
University of Illinois-Springfield

Business, Hospitality, and Information Systems

Dean
Howar, Julie
MBA
William Woods University

Ashwood, Susan
AGS
Spoon River College

Dean, Dorothy
MED
Northern Illinois University

Goren, M. Brent
MA
Eastern Illinois University

Hale, Gary
MA
Southern Illinois Univ-Carbondale

Harms, Lawrence
MM
Illinois State University

Hedemann, Debra
MS
Indiana State University

Howell, Ronald
MA
Auburn University

Jones, Anthony
MA
Western Illinois University

McMorrow, Thomas
BAR
University of Illinois

Newton, Janet
MA
University of Illinois

Kim Roe
MA
Northwestern University

Rusch, Alvin
MA
University of Illinois

Samoylova, Anastasia
MFA
Bradley University

Savolaskis, Martin
MFA
Bradley University

Schimmel, Kari
MA
Northern Illinois University

Smit, David
MA
Bradley University

Tuccillo, Anita
MFA
University of Notre Dame

Tuccillo, John
MA
University of New Mexico

Who’s Who
DuBois, Mark
MA
University of Kansas

Groeper, Clara
MS
University of Illinois

Hawthorne, Kimberly
MSE
Illinois State University

Paulsen, Scott
JD
University of Iowa

Peterson, Douglas
MLS
Bradley University

Portscheller, Bruce
BS
Illinois State University

Robertson, Charles
AAS
Kendall College

Saatkamp, Adam
MS
Bradley University

Shank, Keith
BS
Western Illinois University

Shaughnessy, Thomas
EdD
University of Illinois

Sibrel, Paulette
MS
Florida State University

Spengler, Jennifer
MS
Southern Illinois Univ.-Carbondale

Swanson, Paul
MS & MBA
Bradley University

Tripp, Shari
MBA
Illinois State University

Voekler, Nicole
MS
Bradley University

Wells, Kevin
BS
Illinois State University

Health Careers

Dean
Guth, Wendee
MS
University of Illinois-Chicago

Arnett, Lisa
MS
University of St. Francis

Axelson, Desiree
MS
University of Illinois-Chicago

Bender, James
BS
Midstate College

Bisanz, Liane
MS
University of Illinois-Chicago

Brown, Ronald
MSN
Walden University

Condit, Cydney
BS
Midstate College

Crawford-Jones, Carole
MS
University of St. Francis

Dant, Michael
AAS
Illinois Central College

Empson, Cathy
AA
Illinois Central College

Feeny, Julie
MS
University of Indianapolis

Gallagher, Michael
MS
St. Francis College of Nursing

Gold-Pearce, Alice
BS
State University of New York

Haines, Jennifer
MS
University of St. Francis

Hammer, William
MA
University of Phoenix

Hohstadt, LeeAnn
BA
Western Illinois University

Kodt, Michele
MSN
Southern Illinois Univ.-Edwardsville

Kokotek, Sandy
MS
Walden University

Korondi, Cathleen
MS
University of Illinois

Mauer, Lynn
MED
University of Illinois

Moore, Annette
MSN
St. Francis Medical Center College of Nursing

Moore, Valerie
MS
University of Illinois-Chicago

Owens, Kara
MS
University of Illinois-Chicago

Reese, BETH
MSN
St. Francis Medical Center College of Nursing

Punke, Terri
BSN
Mononite College of Nursing

Ritchhart, Kimberly
MPA
Southern Illinois Univ.-Edwardsville

Sams, Mary
MSN
University of Phoenix

Siebert, Cindy
MSN
Mononite College of Nursing

Stokowski, Joan
MS
University of Illinois-Chicago

Straw, Anh
MPH
University of Illinois-Springfield

Tatham, April
MS
Western Illinois University

Wounded Arrow, Annette
MSN
Walden University

Math, Science, and Engineering

Dean
Piat, Tom
MS
Loyola University-Chicago

Ames, Kathy
MS
Illinois State University

Armon, John
MS
Illinois State University

Bailer, Megan
MS
Illinois State University

Bomer, Megan
MS
Illinois State University

Carrico, Elizabeth
MS
Southern Illinois Univ.-Carbondale

Constable, Jeffrey
MS
Mississippi State University

Cook, Billy
MS
University of Illinois

Eckstein, Kenneth
MSME
Bradley University

Gavino, Pia
PhD
Cornell University

Goode, Amy
MS
Southern Illinois Univ.-Carbondale

Griffiths, Thomas
PhD
University of Massachusetts

Halvorsen, Troy
PhD
University of Florida

Haner, Thomas
PhD
University of Oklahoma

Harris, Philip
MS
Purdue University

Hohulin, Mary
MS
Illinois State University

Jacobson, Kristin
MS
Illinois State University

Larson, Steven
MLS
Bradley University

Love, John
MS
University of Illinois

Mays, Elizabeth
MS
Illinois State University

Mellendorf, Kenneth
PhD
University of Illinois

Oliver, Michael
MS
Western Illinois University

O’Brien, Cara
MS
Illinois State University

O’Hanlon, Wendy
PhD
Illinois State University

Peterson, Dawn
MA
Illinois State University

Portscheller, Steven
MS
Bradley University

Resnick, Cheryl Emerson
MS
Northern Arizona University

Rush, Yolanda
MS
Michigan Technological University

Savas, Meral
PhD
Northern Illinois University

Scoby, Jennifer
MS
Bradley University

Sirbu, Ioana
PhD
State University of New York at Buffalo

Spielman, Joseph
MA
Eastern Illinois University

Stermer, Edward
MS
University of Iowa

Tahir, Fereja
MA
University of Wisconsin-Madison

Faculty Senate Officers

Elizabeth Carico, President
Brent Goken, Vice President
Board of Trustees
as of January 2014

Don Brennan  Katherine Coyle
Mike Everett  Diane Lamb  James K. Polk
Gale Thetford  Sue Portscheller
Paula Fraley  Secretary

Administration

John S. Erwin, President
PhD, Indiana University

William Tammone, Provost
PhD, Illinois State University

Margaret Swanson, Associate Provost
PhD, Illinois State University

Bruce Budde, CPA,
Executive Vice President of Administration and Finance
MBA, University of Illinois-Springfield

Cheryl Fliege, Vice President of Marketing and College Communications
PhD, Walden University

Rita Ali, Vice President of Diversity, International and Adult Education
PhD, Capella University

Tracy Morris, Vice President of Student Services
EdD, Northern Illinois University

Robin Ballard, Vice President and Chief Development Officer,
Educational Foundation
BA, University of Illinois-Springfield

Marti Bloodsaw, Vice President of Human Resources
MBA, Fontbonne University

David Cook, Executive Director of Institutional Research and Planning
MS, University of Illinois-Springfield
Maps

East Peoria Campus ........................................................324
Downtown .................................................................324
ICC North ...............................................................325
ICC South ...............................................................326
East Peoria Campus
1 College Drive, East Peoria, IL 61635-001

Downtown
Perley Building
115 SW Adams, Peoria, IL 61635-0001
Thomas Building
201 SW Adams, Peoria, IL 61635-0001
For parking information
visit the ICC website: www.icc.edu

Handicapped Accessible Parking: License Plate or Placard Required:
Lots C, CC, E, F, G, Circle Drive, V, Dirksen

General Parking: Lots A, B, F, V, Dirksen

Note: ICC’s road system is based upon one-way traffic traveling counter-clockwise around campus
Maps

ILLINOIS CENTRAL COLLEGE

COLLEGE CATALOG 2014-2015

Sheridan Rd.
Willow St.
Broadway Rd.
Derby St.
Koch St.
Hanna Dr.

14th St.
14th St.
5th St.
5th St.

N

Illinois Central College South

ICC South
Riverway Business Park
225 Hanna Drive, Pekin, IL 61635-0001
INDEX
# INDEX

<table>
<thead>
<tr>
<th>Course</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Services - Generalist</td>
<td>105</td>
</tr>
<tr>
<td>Human Services - Mental Health Services</td>
<td>106</td>
</tr>
<tr>
<td>Human Services - Psychiatric Rehabilitation</td>
<td>107</td>
</tr>
<tr>
<td>Humanities</td>
<td>274</td>
</tr>
<tr>
<td>HVAC Technician</td>
<td>109</td>
</tr>
<tr>
<td>HVAC/R Technology</td>
<td>110</td>
</tr>
<tr>
<td>iMedia</td>
<td>111</td>
</tr>
<tr>
<td>IAI/ICC General Education Course Alignment</td>
<td>34</td>
</tr>
<tr>
<td>Independent Study</td>
<td>274</td>
</tr>
<tr>
<td>Industrial Electrical Technology</td>
<td>112</td>
</tr>
<tr>
<td>Information Center</td>
<td>315</td>
</tr>
<tr>
<td>Intercollegiate Athletics</td>
<td>312</td>
</tr>
<tr>
<td>Intercollegiate Competition</td>
<td>8</td>
</tr>
<tr>
<td>Inter-district Cooperative</td>
<td>16</td>
</tr>
<tr>
<td>Education Agreements</td>
<td>16</td>
</tr>
<tr>
<td>High School</td>
<td>209, 275</td>
</tr>
<tr>
<td>Internal Business</td>
<td>210</td>
</tr>
<tr>
<td>International Education Program</td>
<td>308</td>
</tr>
<tr>
<td>International Students</td>
<td>13</td>
</tr>
<tr>
<td>International Studies</td>
<td>211, 275</td>
</tr>
<tr>
<td>Interpreter Preparation</td>
<td>113, 114, 275</td>
</tr>
<tr>
<td>Intramurals</td>
<td>312</td>
</tr>
<tr>
<td>IRS Form 1098-T</td>
<td>19</td>
</tr>
<tr>
<td>Italian</td>
<td>276</td>
</tr>
<tr>
<td>J</td>
<td>212</td>
</tr>
<tr>
<td>Journalism</td>
<td>212</td>
</tr>
<tr>
<td>L</td>
<td>115, 116</td>
</tr>
<tr>
<td>Law Enforcement</td>
<td>315</td>
</tr>
<tr>
<td>Learning Labs</td>
<td>315</td>
</tr>
<tr>
<td>Learning Resource Centers</td>
<td>315</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>213</td>
</tr>
<tr>
<td>Library/Video-Virtual</td>
<td>315</td>
</tr>
<tr>
<td>Library Technical Assistant</td>
<td>117, 118</td>
</tr>
<tr>
<td>Licensed Practical Nursing</td>
<td>119</td>
</tr>
<tr>
<td>LPN to RN Completion</td>
<td>120</td>
</tr>
<tr>
<td>Library Technology</td>
<td>276</td>
</tr>
<tr>
<td>Literature</td>
<td>277</td>
</tr>
<tr>
<td>M</td>
<td>121</td>
</tr>
<tr>
<td>Machine Tool Technology</td>
<td>121</td>
</tr>
<tr>
<td>Machine Trades</td>
<td>278</td>
</tr>
<tr>
<td>Machinist</td>
<td>122</td>
</tr>
<tr>
<td>Maintenance</td>
<td>278</td>
</tr>
<tr>
<td>Maintenance Mechanic Technology</td>
<td>123</td>
</tr>
<tr>
<td>Management</td>
<td>124, 278</td>
</tr>
<tr>
<td>Management - Supply Chain Option</td>
<td>125</td>
</tr>
<tr>
<td>Management of Supply Chain</td>
<td>126</td>
</tr>
<tr>
<td>Manufacturing Engineering</td>
<td>127</td>
</tr>
<tr>
<td>Technology</td>
<td>127</td>
</tr>
<tr>
<td>Maps</td>
<td>323</td>
</tr>
<tr>
<td>Marketing</td>
<td>279</td>
</tr>
<tr>
<td>Marketing/Sales and Retail</td>
<td>128</td>
</tr>
<tr>
<td>Management</td>
<td>279</td>
</tr>
<tr>
<td>Mass Communication</td>
<td>214, 279</td>
</tr>
<tr>
<td>Massage Therapist</td>
<td>129</td>
</tr>
<tr>
<td>Massage Therapy</td>
<td>279</td>
</tr>
<tr>
<td>Massage Therapy Clinic</td>
<td>315</td>
</tr>
<tr>
<td>Math Sequence Chart</td>
<td>31</td>
</tr>
<tr>
<td>Mathematics</td>
<td>215, 280, 281</td>
</tr>
<tr>
<td>Mathematics Lab</td>
<td>315</td>
</tr>
<tr>
<td>Mechanical Engineering Technology</td>
<td>130</td>
</tr>
<tr>
<td>Mechanical/Electrical Maintenance</td>
<td>131</td>
</tr>
<tr>
<td>Mechanical Technology</td>
<td>282</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td>132</td>
</tr>
<tr>
<td>Medical Coder</td>
<td>135</td>
</tr>
<tr>
<td>Medical Laboratory</td>
<td>283</td>
</tr>
<tr>
<td>Medical Laboratory Technician</td>
<td>134</td>
</tr>
<tr>
<td>Medical Office</td>
<td>284</td>
</tr>
<tr>
<td>Medical Office Administrative Assistant</td>
<td>135</td>
</tr>
<tr>
<td>Meteorology</td>
<td>216</td>
</tr>
<tr>
<td>Minimum Age Policy</td>
<td>13</td>
</tr>
<tr>
<td>Mission Statement</td>
<td>2</td>
</tr>
<tr>
<td>Multi-Skilled Maintenance</td>
<td>136</td>
</tr>
<tr>
<td>Multi-Skilled Maintenance Technology</td>
<td>137</td>
</tr>
<tr>
<td>Multimedia</td>
<td>138, 139, 217, 285</td>
</tr>
<tr>
<td>Multiple Associate Degrees/Certificates</td>
<td>33</td>
</tr>
<tr>
<td>Music</td>
<td>218, 285</td>
</tr>
<tr>
<td>N</td>
<td>143, 288</td>
</tr>
<tr>
<td>9-1-1 Telecommunicator</td>
<td>44</td>
</tr>
<tr>
<td>Network Administrator</td>
<td>140</td>
</tr>
<tr>
<td>Networking</td>
<td>141</td>
</tr>
<tr>
<td>Non Credit Courses</td>
<td>304</td>
</tr>
<tr>
<td>Numerical Control</td>
<td>288</td>
</tr>
<tr>
<td>Nursing Assistant</td>
<td>142</td>
</tr>
<tr>
<td>O</td>
<td>143, 288</td>
</tr>
<tr>
<td>Occupational Therapy Assistant</td>
<td>143, 288</td>
</tr>
<tr>
<td>Office for Access Services</td>
<td>315</td>
</tr>
<tr>
<td>Office Administration and Computer Support</td>
<td>289</td>
</tr>
<tr>
<td>Office and Information Processing Management</td>
<td>289</td>
</tr>
<tr>
<td>Office Occupations</td>
<td>289</td>
</tr>
<tr>
<td>Office Professional</td>
<td>145</td>
</tr>
<tr>
<td>Online Certificate and Degree Option</td>
<td>309</td>
</tr>
<tr>
<td>Orientation</td>
<td>290</td>
</tr>
<tr>
<td>P</td>
<td>146</td>
</tr>
<tr>
<td>Page Layout</td>
<td>146</td>
</tr>
<tr>
<td>Paralegal</td>
<td>147, 148, 290</td>
</tr>
<tr>
<td>Paramedic</td>
<td>149</td>
</tr>
<tr>
<td>Personal/Fitness Trainer</td>
<td>150, 151</td>
</tr>
<tr>
<td>Philosophy</td>
<td>219, 291</td>
</tr>
<tr>
<td>Philosophy of ICC</td>
<td>2</td>
</tr>
<tr>
<td>Phlebotomist</td>
<td>161</td>
</tr>
<tr>
<td>Photovoltaic Installer</td>
<td>153</td>
</tr>
<tr>
<td>Physical Education</td>
<td>220, 291</td>
</tr>
<tr>
<td>Physical Therapist Assistant</td>
<td>154, 293</td>
</tr>
<tr>
<td>Physics</td>
<td>221, 294</td>
</tr>
<tr>
<td>Political Science</td>
<td>222, 293, 295</td>
</tr>
<tr>
<td>Practical Nursing</td>
<td>295</td>
</tr>
<tr>
<td>Pre-Chiropractic</td>
<td>223</td>
</tr>
<tr>
<td>Pre-Law</td>
<td>224</td>
</tr>
<tr>
<td>Pre-Medical, Pre-Dental</td>
<td>225</td>
</tr>
<tr>
<td>Pre-Pharmacy</td>
<td>226</td>
</tr>
<tr>
<td>Pre-Veterinary</td>
<td>227</td>
</tr>
<tr>
<td>Printing</td>
<td>155</td>
</tr>
<tr>
<td>Production Welder</td>
<td>156</td>
</tr>
<tr>
<td>Professional Development Institute</td>
<td>309</td>
</tr>
<tr>
<td>Professional Development</td>
<td>295</td>
</tr>
<tr>
<td>Program Changes</td>
<td>33</td>
</tr>
<tr>
<td>W</td>
<td>37</td>
</tr>
<tr>
<td>Weapons and Firearms Policy</td>
<td>3</td>
</tr>
<tr>
<td>Web Designer</td>
<td>167</td>
</tr>
<tr>
<td>Web Developer</td>
<td>168</td>
</tr>
<tr>
<td>Web Systems</td>
<td>169</td>
</tr>
<tr>
<td>Web-rich Internet Application Developer</td>
<td>166</td>
</tr>
<tr>
<td>Webmaster</td>
<td>170</td>
</tr>
<tr>
<td>Website</td>
<td>329</td>
</tr>
<tr>
<td>Weekend College</td>
<td>309</td>
</tr>
<tr>
<td>Welding Operator</td>
<td>171</td>
</tr>
<tr>
<td>Welding Specialist</td>
<td>172</td>
</tr>
<tr>
<td>Welding Technology</td>
<td>173, 303</td>
</tr>
<tr>
<td>Who's Who</td>
<td>319</td>
</tr>
<tr>
<td>Withdrawal from Classes</td>
<td>15</td>
</tr>
<tr>
<td>WoodView Commons</td>
<td>314</td>
</tr>
<tr>
<td>Word Processing</td>
<td>304</td>
</tr>
<tr>
<td>Word Processing Specialist</td>
<td>174</td>
</tr>
<tr>
<td>Y</td>
<td>309</td>
</tr>
<tr>
<td>Youth Programs</td>
<td>309</td>
</tr>
</tbody>
</table>

# COLLEGE CATALOG 2014-2015

<table>
<thead>
<tr>
<th>Source</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Business Management</td>
<td>161</td>
</tr>
<tr>
<td>Social Science</td>
<td>299</td>
</tr>
<tr>
<td>Social Work</td>
<td>229, 299</td>
</tr>
<tr>
<td>Sociology</td>
<td>230, 299</td>
</tr>
<tr>
<td>Solar Thermal Heating Systems</td>
<td>162</td>
</tr>
<tr>
<td>Spanish</td>
<td>300</td>
</tr>
<tr>
<td>Spanish General Education</td>
<td>300</td>
</tr>
<tr>
<td>Special Academic Services</td>
<td>24</td>
</tr>
<tr>
<td>Special Programs/Classes</td>
<td>307</td>
</tr>
<tr>
<td>Statistics</td>
<td>231</td>
</tr>
<tr>
<td>Student Leadership and Engagement</td>
<td>316</td>
</tr>
<tr>
<td>Student Education and Service Ambassadors</td>
<td>316</td>
</tr>
<tr>
<td>Student Employment</td>
<td>316</td>
</tr>
<tr>
<td>Student Insurance</td>
<td>316</td>
</tr>
<tr>
<td>Student Organizations</td>
<td>311</td>
</tr>
<tr>
<td>Student Policies and Procedures</td>
<td>11</td>
</tr>
<tr>
<td>Student Residences</td>
<td>314</td>
</tr>
<tr>
<td>Student Rights and Responsibilities</td>
<td>9</td>
</tr>
<tr>
<td>Student Services and Organizations</td>
<td>311</td>
</tr>
<tr>
<td>Student Status</td>
<td>15</td>
</tr>
<tr>
<td>the Studio</td>
<td>315</td>
</tr>
<tr>
<td>Supply Chain Management</td>
<td>300</td>
</tr>
<tr>
<td>Surgical Technologist</td>
<td>163, 164</td>
</tr>
<tr>
<td>Surgical Technology</td>
<td>301</td>
</tr>
<tr>
<td>T</td>
<td>316</td>
</tr>
<tr>
<td>Theatre</td>
<td>232, 301</td>
</tr>
<tr>
<td>Telecommunicator, 911</td>
<td>44</td>
</tr>
<tr>
<td>Testing Center</td>
<td>316</td>
</tr>
<tr>
<td>Tobacco-free Campus</td>
<td>3</td>
</tr>
<tr>
<td>Transcript Requests</td>
<td>8</td>
</tr>
<tr>
<td>Transfer Agreements/IAI</td>
<td>33</td>
</tr>
<tr>
<td>Transfer Center</td>
<td>316</td>
</tr>
<tr>
<td>Transportation</td>
<td>317</td>
</tr>
<tr>
<td>TRIO Student Support Services</td>
<td>317</td>
</tr>
<tr>
<td>Truck Driver Training Program</td>
<td>165</td>
</tr>
<tr>
<td>Tuition</td>
<td>17</td>
</tr>
<tr>
<td>Appeals</td>
<td>19</td>
</tr>
<tr>
<td>Due Dates</td>
<td>18</td>
</tr>
<tr>
<td>Payment Options</td>
<td>18</td>
</tr>
<tr>
<td>Financial Aid Refunds</td>
<td>18</td>
</tr>
<tr>
<td>Typing Skills</td>
<td>302</td>
</tr>
<tr>
<td>U</td>
<td>2</td>
</tr>
<tr>
<td>Understanding Accreditation</td>
<td>2</td>
</tr>
<tr>
<td>V</td>
<td>317</td>
</tr>
<tr>
<td>Veterans</td>
<td>317</td>
</tr>
<tr>
<td>Vision (of the College)</td>
<td>2</td>
</tr>
<tr>
<td>W</td>
<td>3</td>
</tr>
<tr>
<td>Weapons and Firearms Policy</td>
<td>3</td>
</tr>
<tr>
<td>Web Designer</td>
<td>167</td>
</tr>
<tr>
<td>Web Developer</td>
<td>168</td>
</tr>
<tr>
<td>Web Systems</td>
<td>169</td>
</tr>
<tr>
<td>Web-rich Internet Application Developer</td>
<td>166</td>
</tr>
<tr>
<td>Webmaster</td>
<td>170</td>
</tr>
<tr>
<td>Website</td>
<td>329</td>
</tr>
<tr>
<td>Weekend College</td>
<td>309</td>
</tr>
<tr>
<td>Welding Operator</td>
<td>171</td>
</tr>
<tr>
<td>Welding Specialist</td>
<td>172</td>
</tr>
<tr>
<td>Welding Technology</td>
<td>173, 303</td>
</tr>
<tr>
<td>Who's Who</td>
<td>319</td>
</tr>
<tr>
<td>Withdrawal from Classes</td>
<td>15</td>
</tr>
<tr>
<td>WoodView Commons</td>
<td>314</td>
</tr>
<tr>
<td>Word Processing</td>
<td>304</td>
</tr>
<tr>
<td>Word Processing Specialist</td>
<td>174</td>
</tr>
<tr>
<td>Y</td>
<td>309</td>
</tr>
<tr>
<td>Youth Programs</td>
<td>309</td>
</tr>
</tbody>
</table>
Explanation of Terms

Academic Advisor – faculty member or counselor assigned to help students select courses and plan their educational programs.

Associate Degree – awarded to a student who has completed at least 60 semester hours in a particular field of study as outlined in the college catalog.

Auditing – enrolling for and attending class(es) regularly without having to take tests. No grade or credit hours are earned.

Baccalaureate Degree – awarded after completion of required semester hours, usually four years of full-time academic study. Usually referred to as bachelor's degree.

Certificate – awarded to students who complete requirements for a specific program of more than one course as listed in the College Catalog, but less than 50 semester hours.

Certificate of Participation – awarded for completion of single course programs such as "Stress Management" offered by our Professional Development Institute.

Class Schedule – booklet printed fall, spring, and summer semesters listing courses offered, time of day, day of week, location, cost, refund dates, withdrawal dates, and instructor.

Community education – non-credit classes and workshops that are designed to provide training in areas of interest for the general public. Includes Adult Community Programs, College for Kids, and ACT review.

Compass – a computer-adaptive college placement test published by ACT, Inc. and used by ICC's Testing Center for determining course placement.

Credit by Examination – course credit granted upon successful completion of a standardized test such as CLEP (College Level Examination Program) or PEP (Proficiency Exam Program).

Credit Hour – a unit of credit awarded for completion of a course. Typically it is expected that a course will meet for 45 hours of combined classroom/laboratory and study time for each semester hour.

Curriculum – a group of courses making up an area of specialization.

Dean/Associate Dean – person responsible for the administration of an academic department or academic support department.

Department – an administrative unit of an academics division, giving instruction in a particular subject or group of subjects, such as Social Sciences Department.

District 514 – Illinois Central College District official designation for ICC.

Diversity pledge – statement of ICC's commitment to diversity in all its dimensions.

Dropping a Course – if you're signed up for a course or are actually taking the course, and no longer want to take the course, you cannot just stop coming to class. You must fill out the correct Add/Drop Form in Enrollment Services or drop in eServices online. Be sure to check Class Schedule for details and deadlines.

Dual-credit classes – college credit courses offered to high school junior and senior students by master's degree level instructors meeting both secondary and college-level certification.

E elective – course student may take not specifically required in a major, but counts as general credit toward a degree.

Full-time Student – student enrolled for 12 or more semester hours.

General education goals – general statements about knowledge, skills, attitudes, and behaviors expected in graduates.

Grade Points – the number of points assigned to the specific letter grade received in a class.

Grade Point Average – total number of grade points earned divided by the total number of semester hours attempted.

Hybrid classes – courses delivered through a combination of face-to-face instruction and the internet. Time required in the classroom is reduced but not eliminated.

IAI (Illinois Articulation Initiative) – a statewide transfer program consisting of a package of core general education courses that will transfer from one school to another and will count towards a degree at the new school. Successful completion of these core courses, composed of five categories, can mean a smoother transition to any associate or bachelor's degree program at participating schools.

Lab – portion of course work conducted in a laboratory setting. Usually hands-on work such as physics experiments or computer use.

Lecture – classroom instruction, not a lab.

Minimester – a typical 16-week credit class accelerated to be completed in approximately 11 days by attending class approximately 6 hours each day.

Non-Credit Classes – courses do not require exams and do not earn college credit.

Off-campus Classes – courses taught at locations other than our East Peoria or Peoria Campuses, such as classes held at area high schools or agencies.

On-campus Classes – classes taught at any of our ICC campuses.

Online classes – classes delivered entirely online through the internet.

Open-Door Policy – any person 18 years of age or older may enroll as a part-time student for credit classes (if class does not require a pre-requisite) at Illinois Central College even if they do not have a high school diploma or GED certificate. But, to enroll for classes with the goal of earning an Associate Degree, specific entrance requirements must be met.

Prerequisite – course that must be completed before another course can be taken, such as MATH 134 must be completed prior to MATH 135.

Semester – usually 16 weeks at Illinois Central College; one-half of the academic year. Note: Summer sessions are usually 8 weeks long.

Transcript – copy of a student's academic record. Can be obtained from Enrollment Services, East Peoria Campus, Room L211.

Tuition – cost of one semester hour multiplied by the number of semester hours in which enrolled. ($125 x 3 semester hours = $375 tuition for the average course)

WEB classes (www) – refer to online classes