

ILLINOIS

CENTRAL

COLLEGE

ADDENDUM

Catalog 2018-2019

Illinois
Central
College



Associate in Applied Science



Total Credit Hours: 76.5

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 the community.

Additional Program Info:

Graduates are eligible to take the National Board Dental Hygiene Examination and a regional/state examination for registration as a Dental Hygienist in Illinois, and other states. The dental hygienist works under the supervision of the dentist in dental offices and other health agencies by performing duties delegated by the dentist in accordance with the Illinois Dental Practice Act or other applicable state practice acts. Duties include cleaning teeth, exposing x-rays, providing oral healthcare instructions to patients, maintaining patient records, etc. Students receive extensive clinical experiences in the Illinois Central College Dental Hygiene Clinic and selected agencies. All required general education courses may be taken prior to admission into the program.

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. Phone: 312-440-2500

Admission to the Program:

- High School graduate with GPA 2.6 or higher, or equivalent (i.e. GED of 165 or higher) OR 9 hours of required courses from program sequence with a "C" or higher.
- One year of high school algebra with a "C" average or higher OR placement into MATH 098 or higher.
- One year high school lab science including chemistry or biology, with a "C" average or higher OR completion of an equivalent college science course with a "C" or higher.
- Placement into ENGL 110.
- ICC grade point average (GPA) of a 2.0 or above (if you have attended ICC).
- GPA of 2.0 or above at the last college attended (other than ICC) OR 9 hours of required courses from program sequence with a "C" or higher.

NOTE: BIOL 140 and CHEM 115 must be completed prior to the start of the program.

Requirements upon Program Acceptance:

- Drug screen, fingerprint criminal background check, physical exam, and immunizations.
- Documentation of current CPR certification from the American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) or American Red Cross (ARC) Professional Rescuer and Health Care Provider. CPR certification must remain current throughout the program.

Recommended High School Subjects:

(1) two years English (2) two years laboratory science including chemistry (3) one year algebra (4) one year geometry (5) keyboarding.

To Remain in and Graduate from the Program:

A grade of "C" or better in all DHYGN courses, BIOL 140, BIOL 210, CHEM 115, and FCS 110.

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:

Health Careers Department
Peoria Campus, Cedar 105
(309) 690-7530

Dental Hygienist

GENERAL COURSES:

<input type="checkbox"/>	ENGL 110	COMPOSITION I	3 CR. HRS.
<input type="checkbox"/>	COMM 110	INTRODUCTION TO COMMUNICATION: PRESENTATION AND THEORY	3 CR. HRS.
<input type="checkbox"/>	PSY 110	INTRODUCTION TO PSYCHOLOGY	3 CR. HRS.
<input type="checkbox"/>	BIOL 140	HUMAN ANATOMY AND PHYSIOLOGY	4 CR. HRS.
<input type="checkbox"/>	CHEM 115	FOUNDATIONS OF CHEMISTRY	4 CR. HRS.
<input type="checkbox"/>		HUMANITIES *	3 CR. HRS.

PROGRAM COURSES:

<input type="checkbox"/>	BIOL 210	MICROBIOLOGY	4 CR. HRS.
<input type="checkbox"/>	DHYGN 110	DENTAL SCIENCE I	3 CR. HRS.
<input type="checkbox"/>	DHYGN 111	DENTAL EMBRYOLOGY AND HISTOLOGY	2 CR. HRS.
<input type="checkbox"/>	DHYGN 113	INFECTION CONTROL FOR THE DENAL HYGIENIST	.5 CR. HRS.
<input type="checkbox"/>	DHYGN 117	DENTAL SPECIALTIES	1 CR. HRS.
<input type="checkbox"/>	DHYGN 131	INTRODUCTION TO DENTAL HYGIENE CLINICAL APPLICATIONS	2 CR. HRS.
<input type="checkbox"/>	DHYGN 132	FUNDAMENTALS OF DENTAL HYGIENE	2 CR. HRS.
<input type="checkbox"/>	DHYGN 133	PRECLINICAL DENTAL HYGIENE	2 CR. HRS.
<input type="checkbox"/>	DHYGN 135	DENTAL RADIOLOGY	3 CR. HRS.
<input type="checkbox"/>	DHYGN 137	MEDICAL EMERGENCIES	1 CR. HRS.
<input type="checkbox"/>	DHYGN 139	SPECIAL POPULATIONS	1 CR. HRS.
<input type="checkbox"/>	DHYGN 210	COMMUNITY DENTAL HEALTH	3 CR. HRS.
<input type="checkbox"/>	DHYGN 212	DENTAL MATERIALS	2 CR. HRS.
<input type="checkbox"/>	DHYGN 222	PREVENTIVE MODALITIES	3 CR. HRS.
<input type="checkbox"/>	DHYGN 226	LOCAL ANESTHETICS FOR THE DENTAL HYGIENIST	1 CR. HRS.
<input type="checkbox"/>	DHYGN 228	NEW DIMENSIONS IN DENTAL HYGIENE	2 CR. HRS.
<input type="checkbox"/>	DHYGN 230	DENTAL HYGIENE CLINIC I	2 CR. HRS.
<input type="checkbox"/>	DHYGN 231	DENTAL HYGIENE CLINIC II	4 CR. HRS.
<input type="checkbox"/>	DHYGN 232	DENTAL HYGIENE CLINIC III	5 CR. HRS.
<input type="checkbox"/>	DHYGN 243	ORAL PATHOLOGY I	2 CR. HRS.
<input type="checkbox"/>	DHYGN 244	PERIODONTOLOGY	2 CR. HRS.
<input type="checkbox"/>	DHYGN 246	TRANSITIONS FOR THE DENTAL HYGIENIST	2 CR. HRS.
<input type="checkbox"/>	DHYGN 248	PHARMACOLOGY FOR DENTAL HYGIENISTS	2 CR. HRS.
<input type="checkbox"/>	FCS 110	BASIC NUTRITION	2 CR. HRS.
<input type="checkbox"/>	SOC 110	AN INTRODUCTION TO SOCIOLOGY	3 CR. HRS.

* See specific requirements for Associate in Applied Science degree.

Recommended Course Sequence:

Previous Semester (for pre-program courses): BIOL 140; CHEM 115

1st Semester: ENGL 110; BIOL 210; DHYGN 110; DHYGN 113; DHYGN 117; DHYGN 131; DHYGN 132

2nd Semester: COMM 110; FCS 110; DHYGN 111; DHYGN 133; DHYGN 135; DHYGN 137; DHYGN 139; DHYGN 243

Summer Semester 1: DHYGN 212; DHYGN 222; DHYGN 230

3rd Semester: PSY 110; DHYGN 210; DHYGN 226; DHYGN 228; DHYGN 231; DHYGN 244; DHYGN 248

4th Semester: SOC 110; DHYGN 232; DHYGN 246; HUMANITIES

For program mission, goals, and student learning outcomes, see page 330.

Associate in Applied Science



Total Credit Hours: 60 to 61

Program Information

The mission of the Associate in Applied Science LPN to RN Completion program is to effectually provide educational resources within theory, laboratory, and clinical experiences to prepare graduates for a successful, professional nursing career as a registered nurse.

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:

- Graduation from state-approved Practical Nursing Program within the last five years OR achievement of a conversion score of 75% or higher on the Evolve HESI PN-AND Exam.
- Valid Illinois Licensed Practical Nursing (LPN) license.
- Currently employed full time or equivalent as an LPN OR department approval.
- One year of high school chemistry with a grade of "C" average or higher OR completion of an equivalent college chemistry course with a grade of "C" or better.
- Completion of BIOL 205, BIOL 206, BIOL 210, RNRS 150, RNRS 111, RNRS 210 with a grade of "C" or better.
- Completion of ENGL 110, COMM 110, PSY 110, SOC 110, FCS 110 or FCS 120, HLTH 121, Humanities elective (3 sem hrs), with a grade of "C" or better.
- ICC grade point average (GPA) of a 2.0 or above (if you have attended ICC).
- GPA of 2.0 or above at the last college attended (other than ICC) OR completion of 18 credit hours of "program" courses at ICC or other colleges with a grade of "C" or better.

Requirements upon Program Acceptance:

Drug screen, fingerprint criminal background check, physical exam, and immunizations.

Documentation of current CPR certification from the American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) or American Red Cross (ARC) Professional Rescuer and Health Care Provider. CPR certification must remain current throughout the program.

Recommended High School Subjects:

(1) four years of English (2) one year biology (3) two years of mathematics (4) one year of chemistry.

To Remain in and Graduate from the Program:

Must meet with assigned academic advisor to plan a specific course schedule which meets Illinois Central College academic and personal requirements.

Maintain a grade of "C" or better in all required general education and program courses.

Contact Information:

Health Careers Department
Peoria Campus, Cedar 105
(309) 690-7530

LPN to RN Completion Program

GENERAL COURSES:

<input type="checkbox"/>	ENGL 110	<u>COMPOSITION I</u>	3 CR. HRS.
<input type="checkbox"/>	COMM 110	INTRODUCTION TO COMMUNICATION: PRESENTATION AND THEORY	3 CR. HRS.
<input type="checkbox"/>	PSY 110	<u>INTRODUCTION TO PSYCHOLOGY</u>	3 CR. HRS.
<input type="checkbox"/>	BIOL 205	<u>PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY I</u>	4 CR. HRS.
<input type="checkbox"/>	BIOL 206	<u>PRINCIPLES OF HUMAN ANATOMY AND PHYSIOLOGY II</u>	4 CR. HRS.
<input type="checkbox"/>		<u>HUMANITIES *</u>	3 CR. HRS.

PROGRAM COURSES:

<input type="checkbox"/>	BIOL 210	<u>MICROBIOLOGY</u>	4 CR. HRS.
<input type="checkbox"/>	FCS 110	<u>BASIC NUTRITION</u>	2 CR. HRS.
		OR	
<input type="checkbox"/>	FCS 120	<u>PRINCIPLES OF NUTRITION</u>	3 CR. HRS.
<input type="checkbox"/>	HLTH 121	<u>MEDICAL TERMINOLOGY</u>	2 CR. HRS.
<input type="checkbox"/>	RNRS 111	<u>PHARMACOLOGY FOR NURSES</u>	2 CR. HRS.
<input type="checkbox"/>	RNRS 125	<u>NURSING: LPN to RN TRANSITION</u>	2 CR. HRS.
<input type="checkbox"/>	RNRS 150	<u>PRINCIPLES OF SAFE MEDICATION ADMINISTRATION</u>	1 CR. HRS.
<input type="checkbox"/>	RNRS 210	<u>HEALTH ASSESSMENT OF THE ADULT PATIENT</u>	2 CR. HRS.
<input type="checkbox"/>	RNRS 220	NURSING III	10 CR. HRS.
<input type="checkbox"/>	RNRS 221	NURSING IV	10 CR. HRS.
<input type="checkbox"/>	RNRS 222	NURSING MANAGEMENT AND LEADERSHIP	2 CR. HRS.
<input type="checkbox"/>	SOC 110	<u>AN INTRODUCTION TO SOCIOLOGY</u>	3 CR. HRS.

* See specific requirements for an Associate in Applied Science degree

** Underlined courses may be taken prior to admission into program.

Recommended Course Sequence:

1st Semester: BIOL 205; ENGL 110; RNRS 150; RNRS 210; HLTH 121; COMM 110; SOC 110

2nd Semester: BIOL 206; FCS 110 or 120; RNRS 111; PSY 110; BIOL 210; Humanities

Summer Semester 1: RNRS 125

3rd Semester: RNRS 220

4th Semester: RNRS 221; RNRS 222

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 grade of "C" or better, the student must (1) maintain a grade average of 75% or better; (2) demonstrate satisfactory clinical performance and meet all course specific clinical and laboratory requirements; and (3) meet all course requirements within specified time limits.

For program mission, goals, and student learning outcomes, see page 346.

Associate in Applied Science



Total Credit Hours: 63

Program Information:

The mission of the Mechatronics Technology Associate in Applied Science degree program is to use lecture and hands-on laboratory experience to prepare the graduate for employment in industry/business as an electro-mechanical maintenance technician by educating them in the knowledge, skills, and behaviors as a mechatronics technician.

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.

Admission to the Program:

Students applying for admission to the program should have high school transcripts and ACT/SAT scores or college transcripts sent to the college. Math and Reading placement testing is required for admission. 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.

Contact Information:

Agricultural and Industrial Technologies Department
East Peoria Campus
AIT Building, Room 209
(309) 694-5171 or (309) 694-5510

Mechatronics Technology

GENERAL COURSES:

<input type="checkbox"/>	ENGLISH *	3 CR. HRS.
<input type="checkbox"/>	COMMUNICATION *	3 CR. HRS.
<input type="checkbox"/>	SOCIAL SCIENCE *	3 CR. HRS.
<input type="checkbox"/>	LABORATORY SCIENCE/MATHEMATICS *	7 CR. HRS.
<input type="checkbox"/>	HUMANITIES *	3 CR. HRS.

PROGRAM COURSES:

<input type="checkbox"/>	ELCTK 150	INDUSTRIAL ELECTRICITY	4 CR. HRS.
<input type="checkbox"/>	ELCTK 151	ELECTRICAL SYSTEMS TROUBLESHOOTING	3 CR. HRS.
<input type="checkbox"/>	ELCTK 215	PROGRAMMABLE CONTROLLERS	4 CR. HRS.
<input type="checkbox"/>	ELCTS 131	INTRODUCTION TO BASIC ELECTRICITY	2 CR. HRS.
<input type="checkbox"/>	ELCTS 132	SERVICE ELECTRONICS - D.C. CIRCUITS	2 CR. HRS.
<input type="checkbox"/>	ELCTS 133	SERVICE ELECTRONICS - A.C. CIRCUITS	2 CR. HRS.
<input type="checkbox"/>	MACTR 110	PRINT READING - MECHANICAL	3 CR. HRS.
<input type="checkbox"/>	MACTR 121	MACHINE TOOL OPERATION I	3 CR. HRS.
<input type="checkbox"/>	MECTK 149	BASIC POWER TRANSMISSION	2 CR. HRS.
<input type="checkbox"/>	MECTK 150	MECHANICAL SYSTEMS I	2 CR. HRS.
<input type="checkbox"/>	MECTK 151	MECHANICAL SYSTEMS II	3 CR. HRS.
<input type="checkbox"/>	MECTK 152	INDUSTRIAL RIGGING	2 CR. HRS.
<input type="checkbox"/>	MECTK 231	INDUSTRIAL FLUID POWER	3 CR. HRS.
<input type="checkbox"/>	MECTK 252	ADVANCED TROUBLESHOOTING	3 CR. HRS.
<input type="checkbox"/>	NCTK 110	INTRODUCTION TO NUMERICAL CONTROL SYSTEMS	1 CR. HRS.
<input type="checkbox"/>	NCTK 212	N/C MACHINING, LATHE	2 CR. HRS.
<input type="checkbox"/>		ELECTIVE COURSES:	
<input type="checkbox"/>		WELDING ELECTIVE **	3 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

** Recommended Electives: WELD 112 and two additional credit hours of WELD with advisor approval.

Recommended Course Sequence:

1st Semester: ELCTS 131; ELCTS 132; ELCTS 133; MACTR 110; MACTR 121; Laboratory Science/Mathematics

2nd Semester: ELCTK 150; ELCTK 151; ELCTK 215; MECTK 149; MECTK 150; MECTK 231

3rd Semester: MECTK 151; MECTK 152; MECTK 252; NCTK 110; NCTK 212; English; Welding Elective

4th Semester: Communication; Humanities; Laboratory Science/Mathematics; Social Science; Welding Elective

For program mission, goals, and student learning outcomes, see page 351.

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. Paralegals 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.

Computers are an important component to many aspects of this profession. The student should be familiar with keyboarding. If not, an additional class in keyboarding is recommended.

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.

Student must submit an application for admission to Illinois Central College and must submit an official transcript from the college or university granting the degree to ICC Enrollment Services, L211.

Student 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 <http://paralegal.icc.edu>. At least 30 percent of the total program of study must be completed at Illinois Central College.

Student must take at least 10 credit hours or the equivalent of legal specialty course through the 'in person' format. PRLGL 113, 116, and 260 must be taken at ICC to graduate from the program.

Students must attain a grade of "C" or higher in each PRLGL course (included equated PRLGL transfer courses).

To Remain in and Graduate from the Program:

Students should apply to graduate during the next to last semester of study. This can be done with the student's e-services.

Contact Information:

Business, Legal, and Information Systems Department
Peoria Campus
Poplar Hall Room 117
(309) 690-7691

Paralegal

PROGRAM COURSES:

<input type="checkbox"/>	PRLGL 110	INTRODUCTION TO PARALEGAL	3 CR. HRS.
<input type="checkbox"/>	PRLGL 112	LEGAL RESEARCH I	3 CR. HRS.
<input type="checkbox"/>	PRLGL 113	LEGAL RESEARCH II	3 CR. HRS.
<input type="checkbox"/>	PRLGL 114	FAMILY LAW	3 CR. HRS.
<input type="checkbox"/>	PRLGL 115	WILLS, TRUSTS AND ESTATE ADMINISTRATION	3 CR. HRS.
<input type="checkbox"/>	PRLGL 116	CIVIL LITIGATION	3 CR. HRS.
<input type="checkbox"/>	PRLGL 117	ADMINISTRATIVE LAW	3 CR. HRS.
<input type="checkbox"/>	PRLGL 118	LAW OFFICE MANAGEMENT	3 CR. HRS.
<input type="checkbox"/>	PRLGL 159	PARALEGAL PRE-INTERNSHIP	1 CR. HRS.
<input type="checkbox"/>	PRLGL 215	BUSINESS ORGANIZATION AND PRACTICE	3 CR. HRS.
<input type="checkbox"/>	PRLGL 260	PARALEGAL INTERNSHIP	3 CR. HRS.

ELECTIVE COURSES:

<input type="checkbox"/>	APPROVED ELECTIVES *		6 CR. HRS.
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* Approved electives: PRLGL 120, 121, 141; CRJ 111, 225, 227, 230

Recommended Course Sequence:

Previous Semester: Approved Elective

1st Semester: PRLGL 110; PRLGL 112; PRLGL 116; PRLGL 117; PRLGL 215

2nd Semester: PRLGL 113; PRLGL 114; PRLGL 115; PRLGL 118;

PRLGL 159 Approved Elective

Summer Semester: PRLGL 260

For program mission, goals, and student learning outcomes, see page 359.

Certificate

Total Credit Hours: 8



Program Information:

The mission of the Phlebotomist Program is to prepare its graduates to properly and safely perform micropunctures and venipunctures in a professional manner by providing the resources, curriculum, and clinical experiences to its students.

Phlebotomists are employed in hospital laboratories, physician clinics, and other health care institutions to perform the collection of blood specimens by venipuncture and micropuncture techniques. Theory and practice in phlebotomy skills are studied in addition to ethical and legal responsibilities, effective communication skills, and safe practices. The program consists of lecture, offered in a hybrid online delivery format, student laboratories, and a clinical phlebotomy practicum arranged in a local hospital. Successful completion of the program will allow the graduate to seek employment as a phlebotomist and be eligible to take an appropriate phlebotomy certification examination.

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.

Suggested additional courses: HLTH 121, COMM 110, PSY 110, and CMGEN 120.

BIOL 106 or MLT 110 may be taken in the summer.

Admission to the Program:

- High school graduate or equivalent.
- Accuplacer score of 44 or higher OR completion of appropriate English prerequisite with a "C" or higher.
- One year high school Biology with a grade of "C" or higher OR completion of equivalent college Biology course with a "C" or higher.

Requirements upon Program Acceptance:

- Drug screen, fingerprint criminal background check, physical exam, and immunizations.
- Documentation of current CPR certification (might be required) from the American Heart Association (AHA) Healthcare Provider (HLTH 041 at ICC or equivalent) or American Red Cross (ARC) Professional Rescuer and Health Care Provider. CPR certification, if required, must remain current throughout the program.

To Remain in and Graduate from the Program:

Maintain a grade of "C" or better in all MLT and BIOL courses.

Contact Information:

Health Careers Department
Peoria Campus, Cedar 105
(309) 690-7530

Phlebotomist

PROGRAM COURSES:

<input type="checkbox"/>	BIOL 106	HUMAN BIOLOGY	4 CR. HRS.
		OR	
<input type="checkbox"/>	BIOL 140	HUMAN ANATOMY AND PHYSIOLOGY	4 CR. HRS.
<input type="checkbox"/>	MLT 112	PHLEBOTOMY CLINICAL PRACTICUM	2 CR. HRS.
<input type="checkbox"/>	MLT 110	INTRODUCTION TO THE MEDICAL LABORATORY AND PHLEBOTOMY	2 CR. HRS.

** Available for Medical Assistant program students only

Recommended Course Sequence:

1st Semester: BIOL 106 or BIOL 140; MLT 110; MLT 112

For program mission, goals, and student learning outcomes, see page 360.

Certificate



Total Credit Hours: 45

Program Information:

The mission of the Web Developer Certificate program is to instruct students in the advanced programming and scripting of websites and mobile apps for business and industry using web standards and responsive design.

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.

Contact Information:

Business, Legal, and Information Systems Department
Technology Center
Room 205
(309) 694-5558

Web Developer

PROGRAM COURSES:

<input type="checkbox"/>	CMWEB 110	BEGINNING WEB DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 120	INTERMEDIATE WEB DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 130	WEB CONTENT MANAGEMENT SYSTEMS, SEO, AND ANALYTICS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 135	BUSINESS USE OF SOCIAL MEDIA	4 CR. HRS.
<input type="checkbox"/>	CMWEB 140	ELECTRONIC COMMERCE	4 CR. HRS.
<input type="checkbox"/>	CMWEB 150	WEB ACCESSIBILITY AND USABILITY	4 CR. HRS.
<input type="checkbox"/>	CMWEB 160	INTRODUCTION TO SCRIPTING FOR THE WEB AND XML	4 CR. HRS.
<input type="checkbox"/>	CMWEB 200	JAVASCRIPT FOR WEB DEVELOPERS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 220	ADVANCED WEB AND MOBILE DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 241	PHP	4 CR. HRS.
<input type="checkbox"/>	CMWEB 270	WEB SERVER AND WEB APPLICATION SECURITY	4 CR. HRS.
<input type="checkbox"/>	CMWEB298	WEB DEVELOPER ASSOCIATE CAPSTONE *	1 CR. HRS.

* For the capstone course, the student has a choice between CMWEB 298 and CMWEB 299. If the student wishes to take the Web Professionals Web Developer Associate Exam, an industry recognized certification, they should sign up for CMWEB 298. If the student does not wish to take the certification exam, they should sign up for CMWEB 299, in which they complete a comprehensive project that reviews and demonstrates competency in the most important concepts covered in the classes in the program.

Recommended Course Sequence:

1st Semester: CMWEB110, CMWEB130, CMWEB150, CMWEB160

2nd Semester: CMWEB120, CMWEB140, CMWEB200, CMWEB270

3rd Semester: CMWEB135, CMWEB220, CMWEB241, CMWEB298

For program mission, goals, and student learning outcomes, see page 366.

Certificate



Total Credit Hours: 29

Program Information:

The mission of the Web Developer Apprentice Certificate program is to instruct students in the fundamentals of programming and scripting of websites for business and industry using web standards and responsive design.

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

Contact Information:

Business, Legal, and Information Systems Department
Technology Center
Room 205
(309) 694-5558

Web Developer Apprentice

PROGRAM COURSES:

<input type="checkbox"/>	CMWEB 110	BEGINNING WEB DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 120	INTERMEDIATE WEB DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 130	WEB CONTENT MANAGEMENT SYSTEMS, SEO, AND ANALYTICS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 140	ELECTRONIC COMMERCE	4 CR. HRS.
<input type="checkbox"/>	CMWEB 150	WEB ACCESSIBILITY AND USABILITY	4 CR. HRS.
<input type="checkbox"/>	CMWEB 160	INTRODUCTION TO SCRIPTING FOR THE WEB AND XML	4 CR. HRS.
<input type="checkbox"/>	CMWEB 270	WEB SERVER AND WEB APPLICATION SECURITY	4 CR. HRS.
<input type="checkbox"/>	CMWEB296	WEB DEVELOPER APPRENTICE CERTIFICATION CAPSTONE *	1-1 CR. HRS.

* The capstone course CMWEB296 provides a review and offers students the choice of either taking the Web Professionals Web Developer Apprentice certification exam, an industry-recognized credential, or creating a project that utilizes components from their previous web development classes to demonstrate competency.

Recommended Course Sequence:

1st Semester: CMWEB110, CMWEB130, CMWEB150, CMWEB160

2nd Semester: CMWEB120, CMWEB140, CMWEB270, CMWEB296

For program mission, goals, and student learning outcomes, see page 367.

Associate in Applied Science



Total Credit Hours: 63 to 64

Program Information:

The mission of the Web Systems program of study is to prepare students for employment as a web professional by educating them in the skills and knowledge needed to maintain corporate intranet, extranet, internet, and mobile web sites and applications.

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

Contact Information:

Business, Legal, and Information Systems Department
Technology Center
Room 205
(309) 694-5558

Web Systems

GENERAL COURSES:

<input type="checkbox"/>	ENGL 110	COMPOSITION I	3 CR. HRS.
		OR	
<input type="checkbox"/>	ENGL 125	BUSINESS COMMUNICATIONS	3 CR. HRS.
		OR	
<input type="checkbox"/>	ENGL 201	TECHNICAL COMMUNICATIONS	3 CR. HRS.
<input type="checkbox"/>		COMMUNICATION *	3 CR. HRS.
<input type="checkbox"/>		SOCIAL SCIENCE *	3 CR. HRS.
<input type="checkbox"/>		MATHEMATICS/LABORATORY SCIENCE *	3-4 CR. HRS.
<input type="checkbox"/>	BUS 120	BUSINESS MATHEMATICS	3 CR. HRS.
<input type="checkbox"/>		HUMANITIES *	3 CR. HRS.

PROGRAM COURSES:

<input type="checkbox"/>	CMWEB 110	BEGINNING WEB DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 120	INTERMEDIATE WEB DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 130	WEB CONTENT MANAGEMENT SYSTEMS, SEO, AND ANALYTICS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 135	BUSINESS USE OF SOCIAL MEDIA	4 CR. HRS.
<input type="checkbox"/>	CMWEB 140	ELECTRONIC COMMERCE	4 CR. HRS.
<input type="checkbox"/>	CMWEB 150	WEB ACCESSIBILITY AND USABILITY	4 CR. HRS.
<input type="checkbox"/>	CMWEB 160	INTRODUCTION TO SCRIPTING FOR THE WEB AND XML	4 CR. HRS.
<input type="checkbox"/>	CMWEB 200	JAVASCRIPT AND MOBILE APP DEVELOPMENT FOR WEB DEVELOPERS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 220	ADVANCED WEB AND MOBILE DEVELOPMENT WITH HTML AND CSS	4 CR. HRS.
<input type="checkbox"/>	CMWEB 241	PHP	4 CR. HRS.
<input type="checkbox"/>	CMWEB 270	WEB SERVER AND WEB APPLICATION SECURITY	4 CR. HRS.
<input type="checkbox"/>	CMWEB298	WEB DEVELOPER ASSOCIATE CAPSTONE **	1 CR. HRS.

* See specific requirements for Associate in Applied Science Degree.

** For the capstone course CMWEB298, the student will either take the Web Professionals Web Developer Associate Exam, an industry recognized certification, or complete a comprehensive project that reviews and demonstrates competency in the most important concepts covered in the classes in the program.

Recommended Course Sequence:

1st Semester: CMWEB110, CMWEB130, CMWEB150, CMWEB160

2nd Semester: CMWEB120, CMWEB140, CMWEB200, BUS120

Summer Semester 1: English

3rd Semester: CMWEB135, CMWEB220, CMWEB241, Mathematics/Laboratory Science

4th Semester: Social Science, Humanities, Communication, CMWEB270, CMWEB298

For program mission, goals, and student learning outcomes, see page 367.

Course Changes

Effective 8/1/2018

Title Changes

CMWEB 200	Javascript and Mobile APP Development for Web Developers
CMWEB 220	Advanced Web and Mobile Development with HTML and CSS
CMWEB 296	Web Developer Apprentice Capstone
CMWEB 298	Web Developer Associate Capstone
DHYGN 110	Dental Head, Neck, and Oral Anatomy
DHYGN 111	Dental Embryology and Histology
DHYGN 113	Infection Control for the Dental Hygienist
DHYGN 131	Dental Hygiene Theory for Clinical Applications

Hours Changes

AGRI 133	Livestock Evaluation I	1 HR (OC)- 0 Lecture, 2 Lab
AGRI 134	Livestock Evaluation II	1 HR (OC)- 0 Lecture, 2 Lab
AGRI 201	Crop Production	4 HR (OC)- 2 Lecture, 3 Lab
AGRI 204	Introductory Crop Science	4 HR (OC)- 2 Lecture, 3 Lab
DHYGN 113	Infection Control for the Dental Hygienist	0.5 HR (OC)- .5 Lecture, 0 Lab
DHYGN 231	Dental Hygiene Clinic II	4 HR (OC)- 0 Lecture, 12 Lab
MECTK 151	Mechanical Systems II	3 HR (OC)- 1 lecture, 4 lab

Type of Credit Change

PHYS 112	Technical Physics I	Changed from TC to OC
PHYS 113	Technical Physics II	Changed from TC to OC

Prerequisite Modifications

CA 150	Professional Cooking <i>Prerequisite: Completion of CA 151</i>
CA 155	Meat, Poultry and Fish <i>Prerequisite: Completion of CA 150</i>
PHYS 110	Foundations of Physics <i>Prerequisite: Approved reading placement score, or equivalent, and MATH 098 or completion of high school Algebra 2 with a grade of "C" or better or MATH 099 with a grade of "C" or better or appropriate placement score or department approval.</i>

New Courses

CMCIS 170 CCNA Cybersecurity **3 HR (OC)- 2 Lecture, 2 Lab**
Prerequisite: CMCIS 151

This CCNA specialization course is designed to introduce students to core security concepts and skills needed to monitor, detect, analyze and respond to cybercrime, cyberespionage, insider threats, advanced persistent threats, regulatory requirements, and other cybersecurity issues facing organizations. It emphasizes the practical application of the skills needed to maintain and ensure security operational readiness of secure networked systems. This course assists in the preparation for the CCNA Cybersecurity certification.

DHYGN 132 Fundamentals of Dental Hygiene**2 HR (OC)- 1 Lecture, 3 Lab**

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 continuation in the control and prevention of disease transmission in dentistry, dental equipment and maintenance, aseptic procedures, and an introduction to clinical dental hygiene necessary for oral prophylaxis. Student partners, manikin, and selected patients are used in the laboratory to demonstrate instrumentation techniques.

EASC 117 Weather and Climate**3 HR (TC)- 3 Lecture, 0 Lab**

Prerequisite: Approved reading placement score, or equivalent, and MATH 098 or completion of high school Algebra 2 or MATH 099 with a grade of "C" or better or appropriate placement score 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 are also included

Counts as non-lab science General Education course for the Associate in Arts and Associate in Science degrees.