

COMPUTER STUDIES AND INFORMATION PROCESSING, WEB TECHNOLOGIES - CERTIFICATE



CWTC

This program may be completed at the Knight (Warwick) Campus or Flanagan (Lincoln) Campus. Completing the program at either campus requires taking one or more courses online.

The Web Technologies certificate is designed for individuals who wish to pursue a career in a Web-related field and acquire the training and technical skillset that is necessary to prepare them for a career in a Web-related occupation. It is also ideal for those wishing to gain a broader knowledge of computer software and/or hardware. The certificate program emphasizes technical coursework only and does not require students to take general education electives that are required in the associate degree options.

Note: Students must obtain a grade of at least C in all computer course requirements and must maintain a 2.0 GPA. Credits earned in this certificate program can be applied toward the Web Technologies associate degree program. Many courses require prerequisites, corequisites and/or testing. See course descriptions for details (<https://catalog.ccri.edu/course-descriptions/>).

Program Learning Outcomes

Upon completion of this program, a student will be able to:

1. Demonstrate a basic level of competency in programming and logic skills.
2. Utilize web technologies.
3. Develop, administer, and maintain a web programming system solution.
4. Administer and maintain a website.
5. Present conclusions effectively, orally and in writing.

Certificate Requirements

Code	Title	Hours
ARTS 1840	Digital Art	3
ARTS 2840	Interactive Media Design	3
COMI 1150	Programming Concepts	3
COMI 1750	Web Development 1	3
COMI 1770	Web Development 2	3
COMP 1200	Database Design & Management	3
Subtotal		18
Total Hours		18

Recommended Course Sequence

Course	Title	Hours
Year 1		
Semester 1		
ARTS 1840	Digital Art	3
COMI 1150	Programming Concepts	3
COMI 1750	Web Development 1	3
Hours		9
Semester 2		
ARTS 2840	Interactive Media Design	3
COMI 1770	Web Development 2 (Offered in spring semester only)	3
COMP 1200	Database Design & Management	3
Hours		9
Total Hours		18