

COMPUTER STUDIES AND INFORMATION PROCESSING, WEB TECHNOLOGIES - CERTIFICATE



CWTC

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 ¹	3
COMP 1200	Database Design & Management	3
Hours		9
Total Hours		18

¹ This course is offered in the Spring semester only.