

COMPUTER INFORMATION SYSTEMS

WEB ADMINISTRATION FOR THE CLOUD

Overview

This microcredential will provide students with the courses to become proficient in the skills required to design, code, and host dynamic web sites. Students will learn HTML, CSS, Javascript, XML and server-side code including database integration. In addition, students will become familiar with cloud infrastructures and hosting the web server on the cloud.

Students who successfully complete this Microcredential will be able to:

- Develop client and server-side internet programs.
- Demonstrate an understanding of the concepts and associated terminology for the internet infrastructure.
- Develop the necessary skills to conduct business on the internet.
- Deploy and manage a cloud-based Web Server.

Requirements

For requirements, see Program Map.

Program Map

| Required Courses | | Course Hours Per Week | | Semester Hours |
|--|-------------------------------|-----------------------|-----|----------------|
| | | Class | Lab | Credit |
| CIS-111 | COMPUTER SYSTEMS & APPLICATNS | 3 | 0 | 3 |
| CIS-106 | CLOUD COMPUTING FUNDAMENTALS | 3 | 0 | 3 |
| CIS-107 | WEB PROGRAMMING FOR BUS | 3 | 0 | 3 |
| CIS-228 | WEB SITE ADMINISTRATION | 3 | 0 | 3 |
| | Credit Hours | 12 | 0 | 12 |
| Total Required Minimum Semester Hours Credit | | | | 12 |

Because a microcredential is comprised of short course sequences, requirements for a microcredential are to be completed at DCC. Any exception to this would require departmental approval in order to transfer in credits.

No more than 50% of credits may be accepted in transfer.*

A digital badge will be awarded to students who complete the required coursework and earn a 2.0 or higher in each course.

If the microcredential contains a certification exam, a successful score on that exam is also required for the award of the microcredential.

**Certain courses may be required to be taken at DCC; check your specific program for these exceptions.*

This microcredential can be stacked into:

[Web Administration Certificate](#)

[Computer Information Systems A.A.S.](#)

Contact Information

