COMPUTER INFORMATION SYSTEMS

WEB ADMINISTRATION

Overview

This certificate will provide students with the skills to effectively develop web sites and administer a web server in a cloud installation. Students will develop advanced skills in both client-side web software and server-side software. Upon completion of the certificate, students will be well-versed in the skills necessary to pursue careers in web programming and web site administration. Students who complete the WAC certificate may choose to continue coursework to complete the entire A.A.S. degree in Computer Information Systems (CIS) at DCC.

A Certificate is awarded upon completion of the requirements for this program.

Students who successfully complete the Certificate in Web Administration (WAC) will be able to:

- Develop client and server-side web programs;
- Demonstrate an understanding of the concepts and associated terminology for the internet infrastructure;
- Develop the necessary skills to conduct business on the internet;
- Understand cloud computing and install and manage a web server in the cloud.

Courses should be selected in consultation with an advisor.

Requirements

For requirements, see Program Map.

Program Map

		Course Hours Per Week		Semester Hours
First Semester		**Class**	**Lab**	**Credit**
CIS-111	COMPUTER SYSTEMS & APPLICATNS	3	0	3
CIS-107	WEB PROGRAMMING FOR BUS	3	0	3
CIS-112	COMPUTER PROGRAMMING I	4	0	4
CIS-126	LINUX USING PYTHON	3	0	3
CIS-106	CLOUD COMPUTING FUNDAMENTALS	3	0	3
	Credit Hours	16	0	16
Second Semester		**Class**	**Lab**	**Credit**
CIS-124	COMPUTER OPERATING SYSTEMS	3	0	3
ENG-101	COMPOSITION I	3	0	3
	CIS 140 or 150 Healthcare Information Management or Information Management Security			3
CIS-265	CIS CAREER CAPSTONE SEMINAR	3	0	3

		Course Hours Per Week		Semester Hours
CIS-228	WEB SITE ADMINISTRATION	3	0	3
	Credit Hours	12	0	15
Total Required Minimum Semester Hours Credit				31

NOTE:

Students enrolled in a Certificate program must complete at least 50% of the program credits at DCC.* Students must earn an overall cumulative GPA of 2.0 or higher in order to be awarded the certificate.

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

Contact Information