

# COMPUTER INFORMATION SYSTEMS

## NETWORKING FOR THE CLOUD

### Overview

This microcredential will provide the students with the skills needed to understand and implement basic networking concepts. It will provide the students with the skills needed to install and manage a Windows Server. The student will also learn the components of cloud computing, navigate a cloud infrastructure and deploy the server in the cloud.

Students who successfully complete this Microcredential will be able to:

- Demonstrate an appreciation of the breadth and complexity of the IT communication field.
- Identify and describe the necessary required skills in each of the segments in the IT industry communication sector.
- Design an effective cloud network.
- Demonstrate proficiency in Windows Server.
- Demonstrate the technical understanding of the virtual components in a cloud infrastructure.

### 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-117	DATA COMMUNICATION CONCEPTS	3	0	3
CIS-216	WINDOWS SERVER	3	0	3
	<b>Credit Hours</b>	<b>12</b>	<b>0</b>	<b>12</b>
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:

[Networking Certificate](#)

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

### Contact Information

