

Networking for the Cloud

Microcredential



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.

For more information, contact the Admissions Office at (845) 431-8010 or visit www.sunydutchess.edu/academics

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MICROCREDENTIAL

Required Courses:		Credits
CIS 111	Computer Systems and Applications	3
CIS 106	Cloud Computing Fundamentals	3
CIS 117	Data Communication Concepts	3
CIS 216	Windows Server	3
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	Total	12

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



This microcredential can be stacked into:

Networking Certificate

Computer Information Systems A.A.S.

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.*