



# CIS: Computer Networking Management Certificate - Windows

**PART TIME**

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2025-26

**Total Units:** 24

**Start Term:** Spring

## First Year

### Semester 1 (Spring)

13 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	CISC 350 Introduction to Data Communications	1	
RE	CISN 119 TCP/IP Protocols	3	
Req	CISN 300 Network Systems Administration	3	
Req	CISN 302 Intermediate Network Systems Administration	3	CISN 300
Req	CISS 310 Network Security Fundamentals	3	

### Semester 2 (Fall)

11 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	CISC 323 Linux Operating System	1	
Req	CISC 361 Information Technology Fundamentals	3	
Req	CISN 110 Networking Technologies - Preparation for N+ Certification	2	
Req	CISN 111 Intermediate Networking Technologies	2	CISN 110
Req	CISN 307 Windows Active Directory Services	3	CISN 302

### EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list

## CAREER PATH

### Career Options:

This certificate prepares students for entry-level IT positions in network management.

### Scheduling Notes:

- CISN 300 is offered in the 1<sup>st</sup> 8 weeks and CISN 302 is offered in the 2<sup>nd</sup> 8 weeks, so they can be taken in the same semester.
- CISN 110 is offered in the 1<sup>st</sup> 8 weeks and CISN 111 is offered in the 2<sup>nd</sup> 8 weeks, so they can be taken in the same semester.
- CISC 350, 323, and 361 are offered in the 1<sup>st</sup> 8 weeks.
- CISN 307 is offered in the fall.
- This certificate can be started in the fall as well. See a counselor to adjust the coursework.

### Other Notes:

- This certificate, with a Windows concentration, helps prepare students for Microsoft Certified Systems Engineer (MCSE) and/or Microsoft Certified Systems Administrator (MCSA) certification.