



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: 2024-25

Total Units: 24

Start Term: Spring

First Year

Semester 1 (Spring) 13 Units

CAT.	COURSE	TITLE	UNIT
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
Req	CISS 310	Network Security Fundamentals	3

Semester 2 (Fall) 11 Units

CAT.	COURSE	TITLE	UNIT
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
Req	CISN 307	Windows Active Directory Services	3

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 1st 8 weeks and CISN 302 is offered in the 2nd 8 weeks, so they can be taken in the same semester.
- CISN 110 is offered in the 1st 8 weeks and CISN 111 is offered in the 2nd 8 weeks, so they can be taken in the same semester.
- CISC 350, 323, and 361 are offered in the 1st 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.