



# 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:** 2026-27

**Total Units:** 24

**Start Term:** Spring

## First Year

### Semester 1 (Spring)

13 Units

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

### Semester 2 (Fall)

11 Units

| CAT. | COURSE   | UNIT | PREREQUISITES |
|------|--|------|---------------|
| Req  | CISC 323<br>Linux Operating System                                     | 1    |               |
| Req  | CISC 361<br>Information Technology Fundamentals                        | 3    |               |
| Req  | CISN 110<br>Networking Technologies - Preparation for N+ Certification | 2    |               |
| Req  | CISN 111<br>Intermediate Networking Technologies                       | 2    | CISN 110      |
| Req  | CISN 307<br>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.

