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Networking

Degree Pathway

A Certificate is outlined coursework that is designed to prepare a student to head out into the workforce in a short timeframe or for career advancement. This certificate totals 28 credit hours. Consult with an advisor for more information.

(▶) are Systemwide Transfer Courses

(★) are recommended for this degree pathway.

| Required Courses | | | |
|---------------------------------------|---|--------------|--|
| Course ID | Course Title | Credit Hours | Notes |
| IS100 | Cybersecurity Application | 3.00 | Fall, Spring |
| IS148 | CompTIA A+ Core 1 | 3.00 | Fall, Spring |
| IS149 | CompTIA A+ Core 2 | 3.00 | Fall, Spring Prereq: IS148 CompTIA A+ Core 1 with grade of C or better. |
| IS182 | Cisco CCNA I/Networking I | 3.00 | Fall, Spring, Summer |
| IS183 | Cisco CCNA II | 3.00 | Spring Prereq: IS182 Cisco CCNA I/Networking I. |
| IS224 | Networking II | 3.00 | Fall, Spring Prereq: IS182 Cisco CCNA I/Networking I. |
| Electives | | | |
| Course ID | Course Title | Credit Hours | Notes |
| Networking Concentration Block | | 10.00 | |
| BU120 | Job Search/Retention | 1.00 | Fall, Spring, Summer |
| CS111 | Visual Basic Programming ▶ | 3.00 | Fall, Spring, Summer |
| CS203 | Discrete Structures | 3.00 | Spring Prereq: MA106 College Algebra with a grade of C or higher. |
| IS104 | Microcomputer Applications ▶ | 3.00 | Fall, Spring, Summer |
| IS137 | Website Ethics and Security | 3.00 | Fall, Spring |
| IS184 | Cisco CCNA III | 3.00 | Prereq: IS183 Cisco CCNA II. |
| IS235 | Elements of Linux | 3.00 | Fall, Spring |
| IS237 | Server Operating Systems and Virtualization | 3.00 | Fall, Spring Prereq: IS235 Elements of Linux, or Departmental Consent, and IS182 Cisco CCNA I/Networking I. |
| IS240 | Fundamentals of Network Security | 3.00 | Fall, Spring Prereq: IS182 Cisco CCNA I/Networking I & IS224 Networking II, or Departmental Consent, and IS184 Cisco CNA III, or IS183 Cisco CCNA II. |

Total Credits: 28.00