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## Networking - CERT A

### 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.

(T) are Systemwide Transfer Courses

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
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
<b>Networking Concentration Block</b>		<b>10.00</b>	
BU120	Job Search/Retention	1.00	Fall, Spring, Summer
CS111	Visual Basic Programming	3.00	Fall, Spring
CS203	Discrete Structures	3.00	Spring Prereq: MA106 College Algebra with a grade of C or higher.
IS104	Microcomputer Applications (T)	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: IS148 CompTIA A+ Core 1 with grade of C or better, or Departmental Consent.
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**