

NETWORK SECURITY ENGINEERING: CP

catalogs/) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Part-Time Academic Plan

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2025, you may need to view an **archived catalog** (<http://catalog.stlcc.edu/archived->

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
IT 100	Introduction to Cybersecurity	1	Reading Proficiency	Offered Fall and Spring. Exploratory Course.
IS 229	Unix/Linux I	3	Reading Proficiency	Offered Fall, Spring, and Summer. Gateway Course, Critical Course.
IS 280	Python	3	Reading Proficiency	Offered Fall and Spring
	Credit Hours	7		
Spring				
IT 101	Cisco Networking Academy I: Introduction to Networks	5	Reading Proficiency	1st 8 weeks. Offered Fall, Spring, and Summer. Gateway Course, Critical Course.
IT 201	Cisco Networking Academy II: Switching, Routing, and Wireless Essentials	5	IT 101 with a minimum grade of "C", and Reading Proficiency	2nd 8 weeks. Offered Fall, Spring, and Summer.
	Credit Hours	10		
Summer				
IS 237	Fundamentals of Information Assurance/Security - CompTIA Security +	3	IT 102 or IS 229 with a minimum grade of "C" and Reading Proficiency	Offered Fall, Spring, and Summer
	Credit Hours	3		
Second Year				
Fall				
IT 202	Cisco Networking Academy III: Enterprise Networking, Security, and Automation	5	IT 201 with a minimum grade of "C", and Reading Proficiency	1st 8 weeks. Offered Fall and Spring.
IT 208 or 250	Cisco Networking Academy: CCNA Security or Cisco Networking Academy: CCCA Cybersecurity Operations	5	IT 201 with a minimum grade of "C" or a Cisco CCENT or CCNA certification and Reading Proficiency	2nd 8 weeks. One of the two courses is offered Fall and Spring.
	Credit Hours	10		
Spring				
XXX xxx	Program Elective	3		Recommendations: IS 264 Unix/Linux II, IT 120 Enterprise Security Management, IT 212 Ethical Hacking, IT 216 Digital Forensics, IT 121 Secure E-Commerce

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	Credit Hours	6		
	Total Credit Hours	36		

Program Electives

Code	Title	Credit Hours
IS 130	Hardware Support - CompTIA A+ Core 1 (Hardware)	3
IS 264	Unix/Linux II	3
IT 102	Desktop Software Support - CompTIA A+ Core 2 (Software)	3
IT 120	Enterprise Security Management	3
IT 121	Secure E-Commerce	3
IT 211	Introduction to Virtualization and Cloud Computing	3
IT 212	Ethical Hacking	3
IT 215	Cloud Security	3

IT 216	Digital Forensics	3
IT 251	Cisco Networking Academy: CCNA DevNet Associate	5

Critical Courses: Critical courses are most important to a student's declared major and most strongly predict later success in the major. A critical course requires a minimal grade to progress to higher-level courses.

Exploratory Courses: Exploratory courses are first-semester courses that introduce the program and career field.

Gateway Courses: Gateway courses are courses in many career pathways that must be completed before progression in higher-level courses. These may be the same as critical and/or exploratory courses.

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.