

NETWORK ENGINEERING, ASSOCIATE IN APPLIED SCIENCE

complete a civics examination. Information on who is eligible for a waiver can be found on the STLCC website (<https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>).

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2023, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
IS 229	Unix/Linux I	3	Reading Proficiency	Offered Fall and Spring
IT 102	Desktop Software Support - CompTIA A + Core 2 (Software)	3	Reading Proficiency	Offered Fall and Spring
IT 101	Cisco Networking Academy I: Introduction to Networks	5	Reading Proficiency	Offered Fall and Spring 1st 8 weeks
IT 201	Cisco Networking Academy II: Switching, Routing, and Wireless Essentials	5	IT 101 with a minimum grade of "C", and Reading Proficiency	Offered Fall and Spring 2nd 8-weeks
	Credit Hours	16		
Spring				
IS 264	Unix/Linux II	3	IS 229 with a minimum grade of "C" and Reading Proficiency	Offered Fall and Spring
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 and Spring
IT 202	Cisco Networking Academy III: Enterprise Networking, Security, and Automation	5	IT 201 with a minimum grade of "C", and Reading Proficiency	Offered Fall and Spring 1st 8-weeks
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	One of these will be offered in Fall and Spring 2nd 8 weeks
	Credit Hours	16		
Second Year				
Fall				
IS 130	Hardware Support - CompTIA A+ Core 1 (Hardware)	3	Reading Proficiency	Offered Fall and Spring
Natural Science/Mathematics Elective (MOTR Requirement)		4		
ENG 101	College Composition I (MOTR ENGL 100)	3	Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079	
IT 235	Network Infrastructure Design	3	IT 201 with a minimum grade of "C" and Reading Proficiency	Offered Fall only
IT 211	Introduction to Virtualization and Cloud Computing	3	IT 201 with a minimum grade of "C", and Reading Proficiency	
	Credit Hours	16		

Spring				
Social & Behavioral Sciences: Civics		3		
IT 120	Enterprise Security Management	3	IS 237 with a minimum grade of "C" and Reading Proficiency	Offered Spring only
MTH 180	Introductory Statistics (MOTR MATH 110)	3	Satisfactory scores on placement test, and Reading Proficiency	MTH 180S will also fulfill this requirement, but only 3 credits will apply toward the degree.
ENG 102 or 103	College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110)	3	ENG 101 with a minimum grade of "C" and Reading Proficiency	
IT 121	Secure E-Commerce	3	IS 229 and IS 237, both with a minimum grade of "C" and Reading Proficiency	
	Credit Hours	15		
	Total Credit Hours	63		

*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.