

NETWORK ENGINEERING: AAS

Full-Time Academic Plan

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

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 Spring 2024, 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.

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
XXX xxx	Natural Science/Mathematics Elective (MOTR Requirement) (http://catalog.stlcc.edu/general-education/)	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				
XXX xxx	Social & Behavioral Sciences: Civics (http://catalog.stlcc.edu/general-education/)	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.