

CYBERSECURITY, ASSOCIATE IN APPLIED SCIENCE

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 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.

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
IS 153 or 187 or 166	C# Programming I or Java Programming I or C# and Java Programming I	4	Reading Proficiency	
IS 229	Unix/Linux I	3	Reading Proficiency	
IT 100	Introduction to Cybersecurity	1	Reading Proficiency	
IS 165	Computer Applications-Microsoft Project	1	Reading Proficiency	Offered Online Only
	Credit Hours	9		
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	
IT 101	Cisco Networking Academy I: Introduction to Networks	5	Reading Proficiency	
	Credit Hours	8		
Summer				
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	
COM 103 or 112 or 201 or PSY 200 or PHL 102	Small Group Communication (MOTR COMM 125) or Argumentation and Debate (MOTR COMM 220) or Interpersonal Communication (MOTR COMM 120) or General Psychology (MOTR PSYC 100) or Introduction to Logic (MOTR PHIL 101)	3	Reading Proficiency	
	Credit Hours	6		
Second Year				
Fall				
IT 212	Ethical Hacking	3	IS 229 and IS 237 with minimum grades of "C", and Reading Proficiency	Offered in Fall only
IT 214	Systems Security Engineering	3	IS 237 with a minimum grade of "C" and Reading Proficiency	Offered in Fall only

IT 234	Principles of Incident Response and Disaster Recovery	3	IS 237 with a minimum grade of "C" and Reading Proficiency	Offered in Fall only
	Credit Hours	9		
Spring				
IT 216	Digital Forensics	3	IS 229 and IS 237 with minimum grades of "C" and Reading Proficiency	Offered in Spring only
IT 120	Enterprise Security Management	3	IS 237 with a minimum grade of "C" and Reading Proficiency	Offered in Spring only
IT 121	Secure E-Commerce	3	IS 229 and IS 237, both with a minimum grade of "C" and Reading Proficiency	Offered in Spring only
	Credit Hours	9		
Summer				
MTH 180	Introductory Statistics (MOTR MATH 110)	3	Satisfactory scores on placement test, and Reading Proficiency	
Social & Behavioral Sciences: Civics		3		
	Credit Hours	6		
Third Year				
Fall				
IS 280	Python	3	Reading Proficiency	
IS 264	Unix/Linux II	3	IS 229 with a minimum grade of "C" and Reading Proficiency	Offered Fall and Spring
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	
	Credit Hours	9		
Spring				
IS 225	Database Management	4	Reading Proficiency	
	Credit Hours	4		
	Total Credit Hours	60		

*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.