

Recommended Academic Plan for Network Security

Certificate
of
Proficiency



This plan is a suggested semester-by-semester course schedule. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on Placement exam scores, scheduling, degree requirements, and graduation requirements.

Note: Successful students entering an IS/IT Program have strong basic computer literacy skills. Our programs are rigorous and fast-paced. Students are expected to be able to **competently** use a computer from day one. Although it is not a requirement, the department highly recommends students who need basic computer literacy take IS:116 Computer Literacy (3 credits) prior to beginning any of our programs.

Note: Successful students entering an IS/IT Program have strong foundation in computer hardware/software troubleshooting skills equivalent to the CompTIA A+ certification or STLCC coursework (IS:130 Hardware and Software Support and IT:102 Desktop Client Support). Our programs are rigorous and fast-paced. Students are expected to be able to competently use a computer from day one.

Semester 1 FALL

Course	Credits	Prerequisite	Milestone/Notes	Completed
IS:229 UNIX/LINUX I	3	Reading Proficiency	1 st 8 weeks OFFERED FALL, SPRING, SUMMER	
IT:101 Cisco Networking Academy I: Introduction to Networks	5	Reading Proficiency	1 st 8 weeks OFFERED FALL, SPRING, SUMMER	
IT:201 Cisco Networking Academy II: Routing & Switching Essentials	5	IT:101 with a minimum grade of "C" Reading Proficiency	2 ND 8 weeks OFFERED FALL and SPRING	
IS:237 Fundamentals of Information Assurance/Security	3	IT:102 or IS:229 Reading Proficiency	1 st 8 weeks OFFERED FALL, SPRING, SUMMER	
Subtotal	16			

Semester 2 SPRING

Course	Credits	Prerequisite	Milestone/Notes	Completed
IT:210 Firewall & VPN Security	3	IS:237 and IT:201 with a minimum grade of "C" Reading Proficiency	16 weeks OFFERED FALL and SPRING	
IT:208 Cisco Networking Academy: CCNA Security	5	IT:201 with a minimum grade of "C" Or CCENT Certification Reading Proficiency	2 nd 8 weeks OFFERED SPRING or SUMMER	
Subtotal	8			

Total Hours in the Program: 24

*See Catalog for classes that will fulfill the elective requirements at catalog.stlcc.edu.

**Students completing STLCC's Missouri General Education requirements will receive verification on their transcripts that is recognized by all Missouri public colleges and universities except the University of Missouri-Columbia.

***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.