COMPTIA A+ AND SECURITY + CERTIFICATIONS: CS

Certificate of Specialization | 9 credit hours minimum

Area of Interest: Science, Technology, Engineering, and Math (STEM)

Program Website (https://stlcc.edu/programs-academics/pathways/s-t-e-m/comptia-a-plus-security-plus/)

Academic Advising (https://stlcc.edu/admissions/advising/)

Program Description:

CompTIA A+ and Security+ Certifications prepares students for the two required exams (hardware and software) that make up the CompTIA A+ certification and the one required exam in the CompTIA Security+ certification.

Locations. This program is offered in its entirety at Florissant Valley, Forest Park, and Meramec.

Related Programs. The Computer and Information Technology Department offers an associate and certificates in the following areas:

> **CompTIA A+ Certification, Certificate of Specialization (http://catalog.stlcc.edu/programs/comptia-certification-certificate-specialization/)**
>
> **IT Help Desk/End User Support, Certificate of Specialization (http://catalog.stlcc.edu/programs/it-help-desk-end-user-support-certificate-specialization/)**
>
> **Network Security Engineering, Associate in Applied Science (http://catalog.stlcc.edu/programs/network-engineering-aas/)**
>
> **Network Security Engineering, Certificate of Proficiency (http://catalog.stlcc.edu/programs/network-engineering-certificate-proficiency/)**

Financial Aid. This Certificate of Specialization is not eligible for financial aid.

Cost of Attendance. For more information on cost of attendance visit **MoSCORES (https://scorecard.mo.gov/Search/)**.

Program Career and Salary Information. Pursuant to Missouri HB 1606 (2018), information regarding the number of credit hours, program length, employment rate, wage data, and graduates employed in careers related to their program of study at St. Louis Community College can be found at the following URL: **https://scorecard.mo.gov/scorecard/**

(https://www.google.com/url/?q=https://scorecard.mo.gov/scorecard/&sa=D&ust=1555536894857000&usg=AFQjCNG1xf3E_i2lO96zEytILO-s5xaJCQ). Search using School / Program "St. Louis Community College" and choose the degree or credential type of interest.

The following limitations to the data apply: Information provided is based on the most recent cohorts available. Typically, most recent cohorts for wage and completion data are six years prior to the current academic year. Time to complete a program of study varies depending on the number of credit hours students earn per semester.

Interested in this program? Start the enrollment process by visiting the **Apply to STLCC (https://www.stlcc.edu/admissions/apply-to-stlcc/)** page.

At the completion of the program, students are expected to:

1. document computer-based problems and resolution.
2. troubleshoot computer problems.
3. perform user needs analysis and assessment.
4. configure end-user computer systems.
5. apply security settings based on enterprise policies and procedures.
6. prepare for the CompTIA A+ hardware certification exam.
7. prepare for the CompTIA A+ software certification exam.
8. prepare for the CompTIA Security+ certification exam.

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)**.

Code	Title	Credit Hours
Program Requirements		
IS 130	Hardware Support - CompTIA A+ Core 1 (Hardware)	3
IT 102	Desktop Software Support - CompTIA A+ Core 2 (Software)	3
IS 237	Fundamentals of Information Assurance/Security - CompTIA Security+	3
Total Credit Hours		**9**

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-catalogs/)** 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				
IT 102	Desktop Software Support - CompTIA A+ Core 2 (Software)	3	Reading Proficiency	Usually offered 8-week hybrid format. Take first 8 weeks.
IS 130	Hardware Support - CompTIA A+ Core 1 (Hardware)	3	Reading Proficiency	Exploratory Course, Gateway Course. Usually offered 8-week hybrid format. Take first 8 weeks.

IS 237	Fundamentals of Information Assurance/Security - CompTIA Security +	3	IT 102 or IS 229 with a minimum grade of "C" and Reading Proficiency	Usually offered 8-week hybrid format. Take second 8-weeks. IS 237 has a prerequisite of IT 102 or IS 229. Students in this program must take IT 102.
	Credit Hours	**9**		
	Total Credit Hours	**9**		

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.

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.

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

*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.