

CISCO NETWORKING ACADEMY: CCNA - CS

Certificate of Specialization | 15 credit hours minimum

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

Department Website (<https://stlcc.edu/programs-academics/pathways/s-t-e-m/cisco-networking-academy/>)

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

Program Description:

The Certificate of Specialization in Cisco Networking Academy: CCNA covers comprehensive networking concepts, from network applications to the protocols and services provided to those applications by the lower layers of the network. Students will progress from basic networking to more complex enterprise and theoretical networking later in the curriculum. In each course, students will learn technology concepts with the support of interactive media and apply the knowledge and practice related skills through a series of hands-on and simulated activities that reinforce their learning. The courses serve as preparation to take the Cisco Certified Network Associate (CCNA®) Implementing and Administering Cisco Solutions (CCNA) (<https://www.cisco.com/c/en/us/training-events/training-certifications/training/training-services/courses/implementing-and-administering-cisco-solutions-ccna.html>) exam after completing all three courses.

Locations. This program is offered in its entirety at Forest Park.

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

Network Engineering, Associate in Applied Science
(<http://catalog.stlcc.edu/programs/network-engineering-aas/>)

Network Engineering, Certificate of Specialization
(<http://catalog.stlcc.edu/programs/network-engineering-certificate-proficiency/>)

Financial Aid. This Certificate of Specialization is not eligible for financial aid. However, courses within the certificate may be eligible if taken as part of a financial aid eligible program. Please see an advisor for more information.

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://scorecard.mo.gov/scorecard/(https://www.google.com/url/?q=https://scorecard.mo.gov/scorecard/&sa=D&ust=1555536894857000&usg=AFQjCNG1xf3E_i2lO96zEytILO-s5xaJCQ)) (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. design network solutions based on industry standards.
2. develop designed network solutions as a member of a team.
3. demonstrate proficiency in the Cisco Networking Academy courses through successful performance on course final exams based on industry certification exam competencies.

Code	Title	Credit Hours
Program Requirements		
IT 101	Cisco Networking Academy I: Introduction to Networks	5
IT 201	Cisco Networking Academy II: Switching, Routing, and Wireless Essentials	5
IT 202	Cisco Networking Academy III: Enterprise Networking, Security, and Automation	5
Total Credit Hours		15

Full-Time Academic Plan

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				
IT 101	Cisco Networking Academy I: Introduction to Networks	5	Reading Proficiency	Basic computer literacy expected / Offered Fall, Spring, Summer - 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	10		

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
	Credit Hours	5		
	Total Credit Hours	15		

*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.