

# Network Operations & Systems Security

## Network Administrator Certificate

Clover Park Technical College is a member of the Cisco Networking Academy community in 165 different countries. Our Cisco program delivers a comprehensive, 21st-century learning experience to help students develop the foundational information and communication technology skills needed to design, build, secure, and manage networks. Our program also helps students develop career skills, such as problem-solving, collaboration, and critical thinking. This certificate uses a blended-learning model that combines face-to-face teaching with engaging online content and hands-on learning activities to help students prepare for entry-level and advanced careers; and higher education in engineering, computer science, information systems, and related fields. The courses' learning objectives support the Cisco Certified Network Administrator and Microsoft Solution Associate exam standards for the desktop and server operating systems, though this is not a certification preparation program.

As networking technologies bring new economic and social opportunities to communities throughout the world, businesses, non-profits, hospitals, schools, and government organizations are experiencing growing demand for networking professionals to design, build, maintain, and secure their networks. Graduates are qualified to work as field-service and help-desk technicians, network support technicians, IT technicians and administrators, network security support technicians, network engineers, and administrators.

### Program Length

This program is approximately two-quarters long, depending on the time students need to satisfactorily complete all graduation requirements. All the courses in this certificate count toward the Network Operations & Systems Security (NOSS) AAT or AAS-T degree program.

### Admission Dates

Summer, fall, winter, and spring quarters.

## Completion Requirements

### Prerequisite(s)

Basic computer and network knowledge.

### Program Course List

NOS 115	Introduction to Networking	4
NOS 120	Desktop Support I	4

NOS 125	Desktop Support II	4
NOS 200	Window Server Identity Services	4
NOS 215	Switch and Route Essentials	5
NOS 220	Enterprise Networking	4
COL 102	College Success for All	3
	Total Credit Hours:	28

**Note:** NOS 115 is articulated courses with high schools for dual enrollment.