CISCO NETWORK OPERATIONS AND SECURITY CERTIFICATE IN APPLIED SCIENCE

Program Description

This certificate is designed to provide comprehensive training in network administration. Topics include computer network operation, Cisco router configuration, security, maintenance, troubleshooting and computer security.

Mission Statement

The mission of the Cisco Network Administrator Certificate program at Greenville Technical College is to provide students with relevant knowledge and skills required to become Cisco network administrators. The curriculum offers a web-based curriculum that incorporates intensive hands-on labs and performance-based testing and assessment.

Entrance Requirements

High school diploma or GED

Type of Program

Day, evening, or online

Requirements for Completion

This program requires a minimum grade of "C" in all courses.

Visit our web page at https://www.gvltec.edu/computertechnology/.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Note: Please contact your advisor for recommended evening schedules.

First Semester		Hours
CPT 257	Operating Systems	3
IST 220	Data Communications	3
	Total Semester Hours	**6**
Second Semester		
CYB 110	Introduction to Cybersecurity	3
IST 201	Cisco Introduction to Networks	3
	Total Semester Hours	**6**
Third Semester		
IST 202	Cisco Switching, Routing, and Wireless Essentials	3
IST 266	Internet and Firewall Security	3
	Total Semester Hours	**6**

Fourth Semester		
IST 203	Cisco Enterprise Networking, Security, and Automation	3
CYB 201	Cybersecurity Operations	3
	Total Semester Hours	**6**
	Total Required Credit Hours	**24**