

# Cisco Routing/Network Configuration Certificate in Applied Science

## Mission Statement

The mission of the Cisco Routing/Network Configuration 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:

Acceptable ASSET or COMPASS score(s), plus department head approval based upon documentation of at least two years of network work experience. (High school students who have successfully completed courses at a Cisco local academy may also be eligible.)

## Type of Program:

Day or night

## Type of Degree:

Certificate

## Employment Opportunities:

Information technology, insurance, manufacturing, retail and service companies that rely on network connectivity to produce products or provide services

- This program provides students with the knowledge and skills to prepare for occupations in the field of local and wide area networks. Students learn network connectivity concepts, standards and protocols used to connect network devices. In addition, students learn how to use Cisco IOS software in a lab environment and how to install networking hardware and software in routers, switches and other network equipment.
- This program uses state-of-the-art Cisco networking equipment.
- To complete this certificate, students must obtain a minimum grade of "C" in all courses.
- As a Cisco Network Academy, all course materials, including tests, are developed and maintained by Cisco.
- A competency test may be required to waive prerequisite CPT courses where equivalent transfer credits or documented work experience do not exist.
- Credit earned in this program may be applied to other curricula in Computer Technology.
- 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.

## Recommended Program Schedule

### First Semester

IST	201	Cisco Internetworking Concepts	3.0
IST	202	Cisco Router Configuration	3.0

### Second Semester

IST	203	Advanced Cisco Router Configuration	3.0
IST	204	Cisco Troubleshooting	3.0

<b>Total credit hours</b>	<b>12.0</b>
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