# 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 placement test score(s) and high school diploma or GED, 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 evening

**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.

- This program requires 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.

- Credits earned in this program may be applied to other curricula in Computer Technology.

- Students should meet with their academic advisor to map out a personalized progression toward graduation.

**Required Courses**

| | | | |
|-----|-----|------------------------------------|-----|
| IST | 201 | Cisco Internetworking Concepts | 3.0 |
| IST | 202 | Cisco Router Configuration | 3.0 |
| IST | 203 | Advanced Cisco Router Configuration | 3.0 |
| IST | 204 | Cisco Troubleshooting | 3.0 |

**Total Required Credit Hours:** **12.0**

Note: Please contact your advisor for evening schedules

Visit https://www.gvltec.edu/gainful-employment/ for important information about the educational debt, earnings and graduation rates of students who attended programs.