

# Network Administration

## Degree Type

Certificate

## Program Description

The Network Administration Certificate focuses on the computerized technologies that are critical to business and industry. This program provides students with the ability to configure a variety of network devices, such as routers and switches. Graduated students will have an understanding of local and wide area network technologies, telecommunications, wireless communications, and network connectivity. In addition to an understanding of telecommunications, students will also obtain comprehensive training via the Cisco Networking Academy classes as part of the curriculum. After completion of the program, students will be prepared to take the CCNA certification exam.

This program falls under the federal guidelines of Gainful Employment programming. For important information regarding program costs, debt, and potential earnings, please [click here](#).

## Career Opportunities

1. IT Manager
2. Network Specialist
3. Network Manager
4. Network Architect
5. Systems Analyst

## Program Objectives

**Upon completion of the program, the student will be able to:**

1. Demonstrate knowledge of network operations to prepare for the CCNA certification.
2. Configure and troubleshoot network devices and security implementations.
3. Identify, organize, plan, and allocate resources effectively in a telecommunications environment.

## Obtaining the Certificate

**To earn the Certificate, students must:**

- Matriculate into the certificate program.
- Satisfactorily complete all certificate requirements.

# Required Courses

<b>Course Code</b>	<b>Title</b>	<b>Credits</b>
CNT 100	Networking Basics	5
CNT 200	Routing and Switching Essentials	5
CNT 210	Advanced Routing and Switching Technology	5
CNT 220	WAN Technologies	5
<b>Total Credits</b>		<b>20</b>

## Course Sequencing

### Fall 1

<b>Course Code</b>	<b>Title</b>	<b>Credits</b>
CNT 100	Networking Basics	5

### Spring 1

<b>Course Code</b>	<b>Title</b>	<b>Credits</b>
CNT 200	Routing and Switching Essentials	5

### Fall 2

<b>Course Code</b>	<b>Title</b>	<b>Credits</b>
CNT 210	Advanced Routing and Switching Technology	5

### Spring 2

<b>Course Code</b>	<b>Title</b>	<b>Credits</b>
CNT 220	WAN Technologies	5