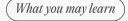# Network Administration

Pathway Program

Design, manage, and secure network infrastructures to ensure reliable connectivity.

- 288 Total Clock Hours
- 4 Obtainable Certificates

Start Today

Basic Computer Knowledge Required

What you may learn

This is what you will experience in the Pathway

The pathway includes 4 instructor-led classes for you to learn technical skills and applicable examples to prepare you for technical certifications and training towards Network Administration.

Taught by Industry Veterans & World Class Instructors

Possible Career Options

- Network Operations Center Technician
- Network Administrator
- Network Technician
- Network Security Analyst
- Cloud Network Engineer
- Wireless Network Engineer
- IT Consultant

Possible Certifications

Introduction to the Network Administration Pathway ⌄

▶ **Overview**

The Network Administration Pathway is designed to prepare students for a career managing and maintaining computer networks. This program introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing, and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of the course, participants will be able to build simple LANs, perform basic configurations for routers and switches and implement IP addressing schemes.

Upon completion of this pathway, students will be able to:

- Administer networks with best practices
- Manage networks for business needs
- Apply tech support skills
- Implement IT security policies
- Ensure ethical network practices
- Troubleshoot network issues
- Harden systems for data security

Available Courses   🕐 288 Total Clock Hours ⌄

CompTIA Security+
💾 Class & Skill Application   36 Class Hours • 36 Skill App Hours

Cisco CCNA
💾 Class & Skill Application   36 Class Hours • 36 Skill App Hours

Cisco CCNP
💾 Class & Skill Application   72 Class Hours • 72 Skill App Hours

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Intellectual Point EXCELLENCE THROUGH EDUCATION

Network Administration Pathway Brochure • Official Document
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