System Administration

Pathway Program

Maintain systems, servers, and networks to ensure optimal performance and security.

- 144 Total Clock Hours
- 2 Obtainable Certificates

Start Today | Basic Computer Knowledge Required

What you may learn

This is what you will experience in the Pathway

The pathway includes 2 instructor-led classes for you to learn technical skills and applicable examples to prepare you for technical certifications and training towards System Administration.

Taught by Industry Veterans & **World Class Instructors**

Possible Career Options

- Network Administrator
- IT Support Specialist
- Systems Administrator
- Network Technician
- Cybersecurity Analyst
- IT Operations Analyst
- Database Administrator

Possible Certifications

Security+ | CEH Certified Ethical Hacker | CySA+

Introduction to the System Administration Pathway

Overview

The System Administration Pathway prepares students for careers in managing and maintaining IT systems and servers. This program covers system architecture, maintenance strategies, security protocols, and programming essentials to ensure the efficient operation of enterprise networks. Students will gain hands-on experience with UNIX/Linux, Windows Server, and network security, developing the skills needed to manage modern IT infrastructures.

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

- Administer systems with best practices
- Implement security policies for IT protection
- Manage networks for business needs
- Troubleshoot errors and maintain stability
- Ensure ethical IT practices
- Harden systems for security

Available Courses

144 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