

# Network Maintenance Technology



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The Network Maintenance Technology Program is designed for students who desire a career in the information and communication technology fields with a focus on local and wide area networking.

## What Will I Learn?

Students will learn to: install, configure, maintain and upgrade stand-alone computers or computers within networks; troubleshoot basic hardware and software problems on computers and within computer networks; understand the fundamentals of computer operating systems; describe and understand the basic technologies used in local and wide area networks, including logical and physical technologies as well as hardware and software associated with computer networks; and demonstrate sufficient knowledge in computer and computer networking technology to secure career placement in the field.

## What Can I Do with This Course of Study?

- Computer Support Specialist
- Help Desk Technician
- Support Technician
- Network Support Technician
- Network Support Engineer
- Network Designer

- Network Engineer
- Network Solution Provider
- Voice Over Internet Protocol Administrator

## Degrees and Certificates

Network Maintenance Technology - NET1, Certificate of Completion

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Semester 1

- BCIS 1305 - Business Computer Applications
- IMED 1316 - Web Design I
- CPMT 1411 - Introduction to Computer Maintenance
- ITNW 1425 - Fundamentals of Network Technology

Semester 2

- ITNW 2412 - Routers Credits: 4
- ITSC 1416 - Linux Installation and Configuration
- ITNW 2453 - Advanced Routing and Switching

Semester 2

- ITSY 1442 - Information Technology Security #
- ITCC 1408 - Introduction to Voice over Internet protocol (Volp)
- ITMT 1457 - Administering a Windows Operating System

\*Students should plan to take this capstone course in their last semester and should speak to their advisor prior to registering for the final semester.

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◆ Core curriculum course.

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