

Computer Systems Networking & Telecommunications

(Computer Networking & Cybersecurity)

Toms River Center

2 Year Program

Keith Pobuta

This program is suggested for high school and post-secondary students interested in pursuing a career within the Computer & Networking Information Technology field.

Related Job Titles

Computer Network Administrator/Engineer, Computer Network architect, Computer security specialists, Network and Computer Systems Administrators. Computer hardware technician

Skills You Will Learn

- Computer hardware, software and operating systems
- Network Support Technician: Students will learn the skills needed for entry-level networking careers. Students will learn concepts and topics including foundational knowledge and skills needed to show how networks operate, including the devices, media, and protocols that enable network communications.
- Network Associate: Students will learn what it takes to navigate the ever-changing landscape of IT. Covers networking fundamentals, IP services, security fundamentals, automation and programmability. Recommended Skills: Basic computer skills and interest in Computer and Network technologies

- Cybersecurity: Introduction to the field of Cybersecurity, Learn the critical skills and knowledge needed to protect digital assets in a constantly evolving technological landscape. Students will explore the core concepts of cybersecurity, including threat analysis, risk management, encryption, and network security.

Preferred Skills for Career Field:

You should prefer:

- Studying new hardware and software that comes out on the market
- Studying new and existing networking technologies

Career Ladder

Workers in this field usually begin as entry level technician rapidly advancing with experience and additional tech certifications

Continuing Education

Cisco CCST Certification
Cisco CCNA Certification
A+ Certification
Net+ Certification
Ocean County Vocational Technical School
Ocean County College
Brookdale Community College
DeVry University

Additional Information

Students should have basic computer skills before entering this program.