

CompTIA: Network+ Certification

48 Hours of Instruction
\$2,495



Prerequisites: Designed for the student with A+ Certification or 12 months of professional computer support experience.

Includes: CompTIA Network+ required exam

Course Content

Network Basics

- Network Concepts
- Network Architecture
- OSI Model
- Basic Principals

Wired Computer to Computer Connections

- Connectors
- NIC cards
- Modems

Network to Network Connections

- Connection Components
- LAN wiring
- Wiring tests

Wired Internetworking Devices

- Basic Internetworking Devices
- Advanced Internetworking Devices

Wired Communication Standards

- TCP/IP Protocol Suite
- TCP/IP
- DHCP Servers

Wireless Networking Standards

- Devices
- Standards
- Regulations

Monitoring

- Event Viewer
- Reliability and Performance Manager

Troubleshooting

- Basics
- Scenarios

Alternate Network Protocols

- Introduction to IPX/SPX
- AppleTalk
- NetBIOS

Network LAN Infrastructure

- IP Routing
- IP Routing Tables
- Virtual LANs (VLANs)

Network WAN Infrastructure

- The WAN Environment
- WAN Transmission Technologies
- WAN Connectivity Devices
- Voice Over Data Services

Remote Networking

- Remote Networking
- Remote Access Protocols
- VPN Technologies

Disaster Recovery

- The Need for Disaster Recovery
- Disaster Recovery Plan
- Data Backups
- Fault Tolerance

Network Access Control

- Authentication Methods
- Public Keys
- Private Keys

Security

- Threats
- Protection Tools
- Wireless Security
- Encryption
- Regulations