

CompTIA Network+ Training & Certification Preparation

Our total commitment to network and security training is evident in the high-quality teaching and guidance we offer to our students. CGI's instructors prepare students for the CompTIA Network+ exams and for real world networking challenges by offering critical, hands-on experience with network fundamentals. Students learn how to configure, execute, construct, and troubleshoot network devices; as well as how to ensure the threat of information system compromise is minimized or negated.

Network+ Topics

- Networking Technologies
- Network Infrastructure
- Access Control
- Assessments and Audits
- Cryptography
- Organizational Security

CompTIA Network+ Testing

The CompTIA Network+ exam places greater emphasis on knowing how to address specific network traffic issues, rather than simply being able to recognize these issues. The exam covers basic network administration and support skills such as how to manage, maintain, troubleshoot, install, operate and configure basic network infrastructure; networking technology design principles including adherence to wiring standard and use of testing tools; and network specific security practices, disaster recovery procedures, and data storage technology implementation. CGI CompTIA Network+ training prepares the student for the following Network+ topics included in the test.

- Network Technologies: protocols, ports, routing, wireless communication
- Network Media and Topologies: cables, connectors, wiring standards and distribution, WAN/LAN specifics
- Network Devices: common and specialized network devices, switches
- Network Management: OSI model layers, performance optimization rationale, issue troubleshooting, networking with Windows Server 2008, enabling and creating Remote Desktop connections
- Network Tools: command line interface, network scanners, network hardware tools, capturing network data with Windows Network Monitor and Wireshark
- Network Security: firewalls, network layers, filtering, tunneling, encryption, authentication, security threats

Course Benefits

- 5-day, on-site, hands-on Network+ certification preparation training class
- Instructors teach the course with exam certification as a priority
- Course material is developed and ready for delivery to all system managers and administrators
- Network+ training: includes a 900-page student manual, 600 slides, and over 10 hours of hands-on labs
- Students are prepared to schedule and pass their exam upon completion of the class