



## **Course: CompTIA Network+ Certification**

**Overview:** CompTIA Network+ validates the knowledge and skills of networking professionals. It is an international, vendor-neutral certification that recognizes a technician's ability to describe the features and functions of networking components and to install, configure and troubleshoot basic networking hardware, protocols and services. The demand for skilled network support professionals continues to grow, and CompTIA Network+ is a valuable credential to help start or enhance a networking career. In fact, many IT certifications integrate CompTIA Network+ into their curriculums. Microsoft added CompTIA Network+ into their Microsoft Certified Systems Administrator (MCSA) program, and other corporations such as Novell, Cisco, HP, Lotus and 3Com also recognize CompTIA Network+ as part of their certification tracks.

**Who Should Attend:** This course is intended for entry-level computer support professionals with basic knowledge of computer hardware, software, and operating systems, who wish to increase their knowledge and understanding of networking concepts and skills to prepare for a career in network support or administration, or to prepare for the CompTIA Network+ certification (exam number N10-003).

**At Course Completion:** Upon successful completion of this course, students will be able to:

- Identify the basic components of network theory & the major network communications methods.
- Identify network data delivery methods.
- List and describe network media and hardware components.
- Identify the major types of network implementations.
- Identify the major services deployed on TCP/IP networks.
- Identify characteristics of a variety of network protocols.
- Identify the components of TCP/IP network, LAN and WAN implementation.
- Identify major issues and technologies in network security.
- Identify the components of a remote network implementation.
- Identify major issues and technologies in disaster recovery.
- Identify major data storage technologies and implementations.
- Identify the primary network operating systems.
- Identify major issues, models, tools, and techniques in network troubleshooting.

**Course Outline:**

- Module 1 - Network Theory
- Module 2 - Network Communications Methods
- Module 3 - Network Data Delivery
- Module 4 - Network Media and Hardware
- Module 5 - Network Implementations
- Module 6 - Networking with TCP/IP
- Module 7 - TCP/IP Services
- Module 8 - Other Network Protocols
- Module 9 - Local Area Network (LAN) Infrastructure
- Module 10 - Wide Area Network (WAN) Infrastructure
- Module 11 - Network Security
- Module 12 - Remote Networking
- Module 13 - Disaster Recovery
- Module 14 - Network Data Storage
- Module 15 - Network Operating Systems
- Module 16 - Network Troubleshooting

**Duration:** 24 hours (8 lessons)

**Schedule:** Please call for details

**Venue:** Hong Kong Center: 201, 2/F, Harbour Centre, 25 Harbour Road, Wan Chai, Hong Kong

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