

CompTIA Network+

5 Day Course

Locations: Mex, D.F.

Date:

Target Students

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,

Prerequisites

Basic Windows skills and a fundamental understanding of computer concepts are required.

Course Objective You will identify and describe all the major networking technologies, systems, skills, and tools in use in modern PC-based computer networks, and learn information and skills that will be helpful as you prepare for the CompTIA Network+ certification examination,

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Unit 1: Network basics

Topic A: Network concepts
Topic B: Network architectures
Topic C: The OSI model

Unit 2: Wired computer-to-computer connections

Topic A: Wired network connections
Topic B: Network interface cards and modems

Unit 3: Network-to-network connections

Topic A: Network-to-network connection components
Topic B: LAN wiring
Topic C: LAN wiring tests

Unit 4: Wired internetworking devices

Topic A: Basic internetworking devices
Topic B: Specialized internetworking devices

Unit 5: Wired communication standards

Topic A: The TCP/IP protocol suite
Topic B: TCP/IP
Topic C: DHCP servers

Unit 6: Wireless networking

Topic A: Wireless network devices
Topic B: Wireless networking standards
Topic C: Wireless configuration

Unit 7: Security threats and mitigation

Topic A: Security threats
Topic B: Threat mitigation

Unit 8: Security practices

Topic A: Operating systems
Topic B: Devices

Unit 9: Network access control

Topic A: Authentication
Topic B: Public key cryptography
Topic C: Remote access
Topic D: Wireless security

Unit 10: Monitoring

Topic A: Monitoring resources
Topic B: Event Viewer

Unit 11: Troubleshooting

Topic A: Troubleshooting basics
Topic B: Troubleshooting the network
Topic C: Troubleshooting scenarios

