

Networking Fundamentals

Modality: On Demand

Duration: 20 Hours

Networking and Security Fundamentals is a Network+, which is a entry level course which educates network equipment. During this course we will cover network implementation, TCP/IP addressing and data delivery, routing and switching, and TCP/IP implementation.

Course Outline:

- Course Introduction
- Module 1: Network Theory
- Module 2: Bounded Network Media
- Module 3: Unbounded Network Media
- Module 4: Network Implementations
- Module 5: TCP/IP Addressing and Data Delivery
- Module 6: Routing and Switching
- Module 7: TCP/IP Implementation
- Module 8: Network Security Analysis
- Module 9: Network Security Implementation
- Module 10: WAN Infrastructure
- Module 11: Cloud and Virtualization Techniques
- Module 12: Remote Networking
- Module 13: Network Management
- Module 14: Troubleshooting Network Issues
- Course Summary