

Introduction to Networking

Length: 5 Days

COURSE CONTENT

Introduction to Networks

OSI Specifications

Network Topologies, Connectors, and Wiring Standards

Ethernet

Networking Devices

Introduction to IP

IP Addressing

Subnet Troubleshooting and NAT

Introduction to IP Routing

Routing Protocols

Switching and VLANs

Wireless Technologies

Authentication and Access Control

Network Threats and Mitigation

Physical and Hardware Security

Wide Area Networks (WANs)

Command Line Tools

Software and Hardware Tools

Network Troubleshooting

Management, Monitoring, and Optimization