

Course #1 Introduction to Networks	Course #2 Switching, Routing, and Wireless Essentials	Course #3 Enterprise Networking, Security, and Automation
Networking Today Basic Switch and End Device Configuration Protocols and Models Physical Layer Number Systems Data Link Layer Ethernet Switching Networking Layer Address Resolution Basic Router Configuration IPv4 Addressing IPv6 ICMP Transport Layer Application Layer Network Security Fundamentals Build a Small Network	Basic Device Configuration Switching Concepts VLANs Inter-VLAN Routing STP Concepts EtherChannel DHCPv4 SLAAC and DHCPv6 FHRP Concepts LAN Security Concepts Switch Security Configuration WLAN Concepts WLAN Configuration Routing Concepts IP Static Routing Troubleshoot Static and Default Routes	Single-Area OSPFv2 Concepts Single-Area OSPFv2 Config. Network Security Concepts ACL Concepts ACLs for IPv4 Configuration NAT for IPv4 WAN Concepts VPN and IPsec Concepts QoS Concepts Network Management Network Design Network Troubleshooting Network Virtualization Network Automation