




CCNA 7.0 Course Outlines

Intro to Networks (ITN)	Switching, Routing, and Wireless Essentials (SRWE)	Enterprise Networking, Security and Automation (ENSA)
Networking Today	Basic Device Configuration	Single-Area OSPFv2 Concepts
Basic Switch and End Device Configuration	Switching Concepts	Single-Area OSPFv2 Configuration
Protocol Models	VLANs	WAN Concepts
Physical Layer	Inter-VLAN Routing	Network Security Concepts
Number Systems	STP	ACL Concepts
Data Link Layer	<u>Etherchannel</u>	ACLs for IPv4 Configuration
Ethernet Switching	DHCPv4	NAT for IPv4
Network Layer	SLAAC and DHCPv6 Concepts	VPN and IPsec Concepts
Address Resolution	FHRP Concepts	QoS Concepts
Basic Router Configuration	LAN Security Concepts	Network Management
IPv4 Addressing	Switch Security Configuration	Network Design
IPv6 Addressing	WLAN Concepts	Network Troubleshooting
ICMP	WLAN Configuration	Network Virtualization
Transport Layer	Routing Concepts	Network Automation
Application Layer	IP Static Routing	
Network Security Fundamentals	Troubleshoot Static and Default Routes	
Build a Small Network		

 New/significantly changed content