


SCHEDULE CCNA SECURITY

Day	TOPIC
1	Introduction to Network Security Principles: <ul style="list-style-type: none"> ✓ Examining Network Security Fundamentals. ✓ Examining Network Attack Methodologies. ✓ Understanding Network Security Policy ✓ Examining Cisco Self-Defending Networks
2	Securing Administrative Access to Cisco Routers & Control Plane <ul style="list-style-type: none"> ✓ Configure multiple privilege levels ✓ Configure Cisco IOS role-based CLI access LAB - Securing Administrative Access to Cisco Routers
3	Understanding AAA on a Cisco Router to Use Local Database and ACS LAB - AAA
4	Layer 2 Security: <ul style="list-style-type: none"> ✓ STP attacks, CAM table overflows, VLAN hopping. ✓ ARP spoofing, MAC spoofing, DHCP spoofing. ✓ Storm Control, Port Security. ✓ SPAN, RSPAN ✓ Private Vlan
5	Lab - Layer 2 Security
6	Lab - Layer 2 Security (Cont)
7	Implement ACL on Router
8	Implement NAT on Router
9	Network Security Using Cisco IOS Firewall: <ul style="list-style-type: none"> ✓ Introducing Firewall Technologies. ✓ Understanding Cisco IOS Zone-Based Policy Firewall.
10	Lab - Network Security Using Cisco IOS Firewall
11	ASA Firewall: <ul style="list-style-type: none"> ✓ Configure ASA access management ✓ Configure security access policies

	✓ Implement NAT on Cisco ASA 9.x
12	Lab - ASA Firewall
13	Advanced Lab - ASA Firewall
14	Cryptographic Services ✓ Examining Cryptographic Services. ✓ Examining Symmetric Encryption, Asymmetric Encryption. ✓ Examining Cryptographic Hashes and Digital Signatures.
15	Site-to-Site VPN: ✓ Examining IPSec Fundamentals. ✓ Building a Site-to-Site IPSec VPN
16	Lab – Building Site-to-Site IPSec VPN on Router
17	Advanced Lab – Building Site-to-Site IPSec VPN on Router
18	Lab – Building Site-to-Site IPSec VPN on ASA
19	Lab - Implement Clientless & AnyConnect SSL VPN on ASA 
20	IPS Overview & Examining Endpoint Security
21	NTP-Syslog-SNMPv3
22	Advanced Lab – Building Site-to-Site IPSec VPN and ASA Firewall
23	Final Test
24	Final Lab