ASM Educational Center (ASM) *Est. 1992*

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Cisco CCIE Certification Routing and Switching Boot Camp Training

Course Outline

Day 1
- Fully Graded Assessment Lab #1 (6 hours)
- Reviewing the lab
- mGRE and NHRP
- Port Security
- DHCP Snooping
- IP Source Guard
- Dynamic ARP Inspection (ARP ACL)
- Private VLANs
- VLAN Access-maps
- Storm Control
- Trouble Shooting Lab #1 on Layer 2

Day 2
- OSPF
- OSPF Labs
- EIGRP
- Trouble Shooting Lab #2 on Layer 2

Day 3
- BGP
- BGP Labs
- MPLS Layer 3 VPNs
- Trouble Shooting MPLS Mock Lab

Day 4 - Thursday
- QoS
- IPv6 Addressing
- DHCP and SLAAC
- Prefix Delegation
- IPv6 Filtering
- NAT-PT
- OSPFv3
- EIGRPv6
- IPv6 and BGP
- Second fully graded Assessment Lab: 2 hours of Troubleshooting followed by 6 hours of configuration.

Day 5 - Friday
- IPv6 in IPv4 Tunnels