

<https://www.ituonline.com/>

Cisco 300-115: CCNP - SWITCH - Routing and Switching

Module 1: Plan And Design

- Course And Instructor Introduction
- Planning For Complex Network-Part1
- Planning For Complex Network-Part2
- Intro To Cisco Enterprise Architecture And CAM-Part1
- Intro To Cisco Enterprise Architecture And CAM-Part2
- Review Networking Topology-Part1
- Review Networking Topology-Part2
- Review OSI Model
- Review SLA
- Network Discovery
- NTP Explained-Part1
- NTP Explained-Part2
- Network Security-Part1
- Network Security-Part2

Module 2: Switch Configuration

- VLAN And Trunking-Part1
- VLAN And Trunking-Part2
- VTP Intro And Config
- Ether Channel Configuration And Load Balancing
- More Ether Channel Configuration-Part1
- More Ether Channel Configuration-Part2
- Port Security
- Root Guard
- Configuring MST

Module 3: IP Configuration

- DHCP Intro And Config-Part1
- DHCP Intro And Config-Part2
- IPV6 Intro And Config-Part1
- IPV6 Intro And Config-Part2
- Configure DHCP
- Configure DHCPV6
- Configure IPSLA
- NTP Configuration
- Network Monitoring Using IPSLA-Part1
- Network Monitoring Using IPSLA-Part2
- Network Monitoring Using IPSLA-Part3

Module 4: STP And RTP

- Config Routing Between VLANs With A Router
- Improve STP Config-Part1
- Improve STP Config-Part2
- Improve STP Config-Part3
- Improve STP Config-Part4
- Implement RSTP
- Intro And Config MST

Module 5: Routing

- Config Routing Between VLANs With A Router
- Routing On A Multi Layer Switch
- Routing With An External Router
- Further Routing On Multilayer Switch

Module 6: HSRP, VRRP, GLBP

- Configure And Tune HSRP
- Configure HSRP With Load Balancing
- HSRP For IPv6
- Configure VRRP
- Configure VRRP With Load Balancing
- Implement GLBP
- Configure GLBP

Module 7: Course Review

- Designing Complex Networks
- Review Demo CAM
- Review Demo VLANs And Trunking
- Review Demo VTP Configure
- Review Demo Ether Channel And Load Balancing
- Review Demo RSTP
- Review Demo Routing Between VLANs With A Router
- Course Outro