

--DAY-1--

### **Basic Concepts and Network Design**

-> M1-L1-7 -> SWITCH20SGPPT -> 9-65

### **Campus Network Architecture**

-> M2-L1-7 -> SWITCH20SGPPT -> 66-187

-PM-

### **Switching LABs**

--DAY-1-- After Readings

CCNP RS SWITCH - Official Cert Guide - David Hucaby [**MANDATORY**]

CCNP-SWITCH.pdf

**Chapter 1 Enterprise Campus Network Design**

**Chapter 2 Switch Operation**

**Chapter 3 Switch Port Configuration**

**Chapter 4 VLANs and Trunks**

**Chapter 5 VLAN Trunking Protocol**

CCNP RS SWITCH - Foundation Learning Guide [**OPTIONAL**]

Implementing Cisco IP Switching.pdf

**Chapter 1 Fundamentals Review**

**Chapter 2 Network Design Fundamentals**

**Chapter 3 Campus Network Architecture**

--DAY-2--

### Spanning Tree Implementation

-> M3-L1-5 -> SWITCH20SGPPT -> 188-310

-PM-

### Spanning Tree LABs

--DAY-2-- After Readings

CCNP RS SWITCH - Official Cert Guide - David Hucaby [**MANDATORY**]

CCNP-SWITCH.pdf

**Chapter 6 Traditional Spanning Tree Protocol**

**Chapter 7 Spanning-Tree Configuration**

**Chapter 8 Protecting the Spanning Tree Protocol Topology**

**Chapter 9 Advanced Spanning Tree Protocol**

**Chapter 10 Aggregating Switch Links**

CCNP RS SWITCH - Foundation Learning Guide [**OPTIONAL**]

Implementing Cisco IP Switching.pdf

**Chapter 4 Spanning Tree in Depth**

--DAY-3--

### Inter-VLAN Routing

-> M4-L1-4 -> SWITCH20SGPPT -> 311-349

### High-Availability Networks

-> M5-L1-7 -> SWITCH20SGPPT -> 350-437

-PM-

### Switching LABs

--DAY-3-- After Readings

CCNP RS SWITCH - Official Cert Guide - David Hucaby [**MANDATORY**]

CCNP-SWITCH.pdf

**Chapter 11 Multilayer Switching**

**Chapter 12 Configuring DHCP**

**Chapter 13 Logging Switch Activity**

**Chapter 14 Managing Switches with SNMP**

**Chapter 15 Monitoring Performance with IP SLA**

**Chapter 16 Using Port Mirroring to Monitor Traffic**

CCNP RS SWITCH - Foundation Learning Guide [**OPTIONAL**]

Implementing Cisco IP Switching.pdf

**Chapter 5 Inter-VLAN Routing**

**Chapter 7 Network Management**

**Chapter 8 Switching Features and Technologies for the Campus Network**

**Chapter 9 High Availability**

--DAY-4--

### First-Hop Redundancy Protocol Implementation

-> M6-L1-6 -> SWITCH20SGPPT -> 437-533

-PM-

### FHRP LABs

--DAY-4-- After Readings

CCNP RS SWITCH - Official Cert Guide - David Hucaby [**MANDATORY**]

CCNP-SWITCH.pdf

**Chapter 17 Understanding High Availability**  
**Chapter 18 Layer 3 High Availability**

CCNP RS SWITCH - Foundation Learning Guide [**OPTIONAL**]

Implementing Cisco IP Switching.pdf

**Chapter 6 First-Hop Redundancy**

--DAY-5--

## Campus Network Security

-> M7-L1-8 -> SWITCH20SGPPT -> 534-625

-PM-

## Switch Security LABs

--DAY-5-- After Readings

CCNP RS SWITCH - Official Cert Guide - David Hucaby [**MANDATORY**]

CCNP-SWITCH.pdf

**Chapter 19 Securing Switch Access**

**Chapter 20 Securing VLANs**

**Chapter 21 Preventing Spoofing Attacks**

**Chapter 22 Managing Switch Users**

*Complate Book*

CCNP RS SWITCH - Foundation Learning Guide [**OPTIONAL**]

Implementing Cisco IP Switching.pdf

**Chapter 10 Campus Network Security**

*Complate Book*

--End--