

Networking - CCNA & CCNP

(Total: 88 Hrs)

CCNA

1) General Networking concepts :	1 Hour
2) IP Addressing and Subneting:	3 Hours
3) Types of Routers:	1 Hour
4) Router Configuration:	1 Hour
5) Types of Routings :	1 Hours
a. Static routing :	2 Hours
b. Dynamic routing:	
i. Distance Vector (RIP):	2 Hours
ii. Link state (OSPF):	3 Hours
iii. Hybrid or Advance Distance Vector (EIGRP, RIPv2) :	2 ½ hrs
c. C) Default routing :	1 Hour
6) Switching basic concepts :	2 Hours
7) Types of switches :	1 Hour
8) VLANs:	3 Hours
9) Switching Protocols	
a. STP:	3 Hours
b. RSTP:	30 mns
c. PVST:	30 mns
d. VTP:	30 mns
e) CDP:	30 mns
10) ACLs :	3 Hours
11) WAN Technologies (Frame relay) :	3 Hours
12) NAT:	3 Hours

CCNP

13) Overview on Routing protocols:	2 Hours
A) Route Redistribution:	3 Hours
14) Advanced Routing Protocols:	8 Hours
A) BGP:	9 Hours
15) Multi Layer Switching Concepts:	1 Hours
A) Inter Vlan Routing (Router On Stick) :	2 ½ Hours
16) Advanced Switching concepts:	1 Hours
A) HSRP:	3 Hours
B) GLBP:	1 Hours
C) VRRP:	1 Hours
17) MPLS:	6 Hours
18) Higher End Routers 12000GSR, 7200 VXR :	2 Hours
19) VPN technologies:	6 Hours
20) Overview on designing of the Back Bone Networks.:	2 ½ Hours
21) Service Provider Techniques:	2 ½ Hour