



## CISCO ® Certified Network Associate

Duration (120 hrs)

### Course Planner

S.No.	Subject	Subtopics	Duration (Hrs.)
1	Introduction to Networking	Networks OSI Reference Model Layer 2 LAN Technologies Bridges and Switches Wireless	10
2	TCP/IP Protocol Suite	TCP/IP and the Internet Layer IP Addressing and Subnetting VLSM TCP/IP and the Transport Layer Sending and Receiving TCP/IP Packets	10
3	Cisco Catalyst Switches	Cisco IOS Software Initial Switch Configuration VLANs and Trunks Switches and Redundancy	20
4	Cisco Routers and LANs	Routers and Routing Initial Router Configuration IOS Device Management Security Device Manager	20
5	Routing	Basic Routing OSPF Routing EIGRP Routing	15
6	Advanced Cisco Router Features	Access Control Lists Address Translation IPv6	15
7	Cisco Routers and WANs	WAN Introduction Frame Relay	15
8	Mock Tests	Test 1 Test 2 Test 3 Test 4 Test 5	15