

Course Name : Networking Fundamentals (CCNA Basics)

Duration : 30 Hours

Cost : Free

Mode of Training : Online (Zoom)

Schedule : 15 sessions - 2hrs/session

Timing : 6.30PM to 8.30PM IST

Training Date : August 3 to 17 (6.30 PM to 8.30 PM IST) – Including Weekends

Topics Covered

Topics	Duration (mins)
Introduction to Networking	45
OSI Model	120
Network Devices	30
IP Address, Subnet Mask	30
CLI vs GUI	15
Working on Cisco IOS - Modes	30
Creating 1st lab in Cisco Packet Tracer	60
Routing Table	30
Static Routing	60
MAC Address	15
ARP Basics	60
Default Route	15
DNS Basics	30
DHCP Basics	45

IP Classification	30
Binary to Decimal	15
Subnet Class C	90
Subnet Class B	60
Subnet Class A	60
Subnet Exercises	60
Router Security	30
Console	30
Console Interface Security	30
Remote Access - Telnet vs SSH	45
Dynamic Routing - OSPF Basics	90
Introduction to Switching	60
VLANs Basics	120
STP Basics	60
ACL Basics	120
Port Numbers	30
NAT Basics	120
Firewall Basics	60
VPN Basics	60

Registration Link : bit.ly/ccna-ng