



# Cisco CCNA Course

## Introduction

Maybe you're looking to break into a technology career. Or maybe you want to climb higher. Software, networking and infrastructure are growing more and more interconnected every day. To move forward with a technology career in this changing landscape, you need to know the latest networking technologies plus security, automation and programmability—and hiring managers need to know that you know. The Cisco Certified Network Associate (CCNA) certification is the industry's most widely recognized and respected associate-level credentials proving industry-ready skills which can take you where you want to go.

The Cisco CCNA certification can launch your career. So go ahead. Earn worldwide industry recognition and real-world know-how.



# Cisco CCNA Course



## Course Content

### Introduction to Networks

Networking Today  
Basic Switch & End Device Configuration  
Protocols & Models  
Physical Layer  
Number Systems  
Data Link Layer  
Ethernet Switching  
Network Layer  
Address Resolution  
Basic Router Configuration  
IPv4 & IPv6 Addressing  
ICMP  
Transport Layer  
Application Layer  
Network Security Fundamentals  
Build a Small Network

### Switching, Routing & Wireless Essentials

Basic Device Configuration  
Switching Concepts  
VLANs  
inter-VLAN Routing  
STP  
EtherChannel  
DHCPv4  
SLAAC & DHCPv6 Concepts  
FHRP Concepts

LAN Security Concepts  
Switch Security Configuration  
WLAN Concepts  
WLAN Configuration  
Routing Concepts  
IP Static Routing  
Troubleshoot Static & Default Routes

### Enterprise Networking, Security & Automation

Single-Area OSPFv2 Concepts  
Single-Area OSPFv2 Configuration  
Network Security Concepts  
ACL Concepts  
ACLs for IPv4 Configuration  
NAT for IPv4  
WAN Concepts  
VPN & IPsec Concepts  
QoS Concepts  
Network Management  
Network Design  
Network Troubleshooting  
Network Virtualization  
Network Automation

## Course Details

### Study Mode

**PARTTIME**

Frequency: Twice Weekly

### Duration

150 Hours (50 Lessons of 3 Hours)

### Delivery Method

Lectures, Hands-On Practice & Industry-Designed Workshops

### Entry Requirements

Good knowledge of English  
Cisco IT Essentials or equivalent industry experience

### Award

Cisco CCNA Certification

### Partner



# € 1,300

### Study Experience Includes:

Training by a Cisco Certified Educator, Official Cisco Courseware, Official Cisco Chapter Tests, Official Cisco Virtual Labs, Official Cisco Semester & Final Exams, x3 Industry-Designed Workshops.

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