

## CISCO CCNA COURSE



The **Cisco CCNA** Course includes all of the lessons required to help prepare learners for the Cisco Certified Network Associate (CCNA) Examination.

The course is designed to enable individuals that are new to networking technologies to understand the terms, concepts, technologies, and devices commonly used in networking, and then apply that new knowledge to the installation, configuration, and troubleshooting of Cisco switches and routers.

This course will help candidates prepare for the **640-802 Cisco Certified Network Associate (CCNA)** Exam.

The CCNA certification (Cisco Certified Network Associate) indicates a foundation in and apprentice knowledge of networking.

CCNA certified professionals can install, configure, and operate LAN, WAN, and dial access services for small networks (100 nodes or fewer), including but not limited to use of these protocols: IP, IGRP, Serial, Frame Relay, IP RIP, VLANs, RIP, Ethernet, Access Lists. Familiarity with upgrading, administering, and GUI-based PC maintenance tasks is helpful but not essential.

### The CCNA course consists of the following items:

#### ➤ **CCNA Course Book 1**

CCNA theory guide - over 300 pages crammed with information in an easy to understand format. There are lots of exam and real world tips and advice sections to ensure you don't fall into the many traps that can catch out other engineers when configuring live Cisco equipment (most 'trainers' can never explain this to you because they don't know what happens for real).

The material covers the entire CCNA exam syllabus. Every subject is explained in a way you can easily digest. You will learn everything from ARP to Access-lists and Subnetting to Secondary IP addresses.

### Book 1 consists of the following units:

Internetwork basics for beginners, Ethernet, IEEE, connectors and cables; Router interfaces, cables, setting up a router and understanding the config register; Layer 2 switching, VLANs, Spanning Tree, configuring 1900 and 2950 switches; Binary, hex, IP addressing explained and NAT; Understanding routing including RIP, EIGRP, IGRP and OSPF; TCP/IP including ARP, CDP and ICMP; Basic router security including passwords and access lists; WAN topologies including ISDN, PPP and Frame Relay; and Troubleshooting networks for the exam and the real world.

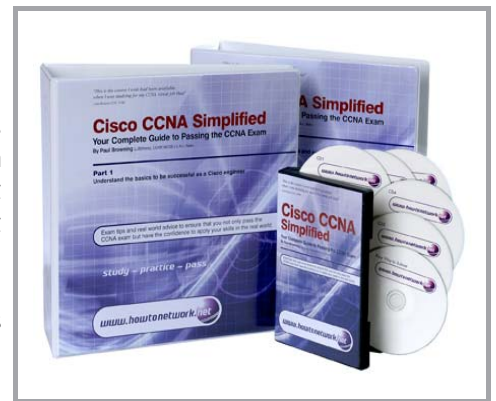
**Price:**  
£600.00

**Instalment Options:**  
You can spread the payments for this course over 4 monthly payments. 1 initial payment of £300.00, followed by 3 monthly payments of £100.00.

**Course Format:**  
Course Books, CD ROMs. Live Labs & Online Practice Exams

**Assessment:**  
Cisco CCNA Examination

**Approximate Study Time:**  
500 Hours of Self Study



## ➤ **CCNA Course Book 2**

27 hands on labs with step by step walkthroughs. We will explain how the network you are building works. Every lab section has hints and tips so you can not only pass the exam but apply everything you learn to a live Cisco network. Once your confidence grows you are shown two other lab topologies so you aren't stuck with just one type of network.

### **Book 2 consists of the following lessons:**

Setting up a home lab and introduction; Changing the config register, basic router commands; Configuring 1900 and 2950 switches including VLANs and trunking; IP addressing, Static, Dynamic and NAT overload (PAT); Static Routers, RIP, RIPv2, EIGRP, IGRP and OSPF; Copy start to TFTP, Traceroute, ARP, PING and CDP; Standard, Extended and Named Access Lists; ISDN, PPP, Frame Relay and Frame Relay sub-interfaces; and OSPF AND Advanced OSPF.

## ➤ **CCNA Cram Guide**

An e-book containing 23 pages crammed with the facts and figures you will need to know for the CCNA exam. In order to pass the exam you will need to know port numbers, administrative distances, router commands, subnetting, cable specifications, IEEE references, basic configuration commands, ISDN reference points and a lot more.

## ➤ **CCNA CD Rom Pack**

The CCNA CD Rom Pack consists of 5 CD Roms displaying the Live Labs featured in Course Book 2 and a Bonus CD Rom entitled The Easy Way to Subnet.

The Easy Way to Subnet will show you how easy it is to perform subnetting calculations and will show you how to answer any subnetting question in ten seconds (with practice).

You will be asked about seven subnetting questions in the CCNA exam and you will have them during any technical interview for a Cisco networking job as well.

Your CCNA CD ROMs contain over 59 videos, each with meticulous explanations and step by step walk through so you really understand what it is you are configuring rather than just copying what is done. You benefit from over 5 hours of videos and audio commentary.

## ➤ **20 Hours Access to Live Cisco Equipment**

The CCNA Course includes access to live Cisco routers and a switch. You will be able to spend 20 hours configuring real Cisco equipment to ensure your hands on skills are at a very high level.

Extra rack time can be bought for less than 50 pence (90 cents) per hour. You will be given access to the equipment shortly after you invest in the materials along with your own username and password. You can reserve time on the Cisco CCNA rack at a time convenient to you.

### **You can use your CCNA rack time to:**

- Expose weak areas in your knowledge
- Practise the labs from your CCNA lab book
- Hone your troubleshooting skills
- Gain more confidence with routers and switches
- Prepare for technical interviews with companies

## ➤ **Bosson CCNA Practice Exam**

The reason many students fail the CCNA exam is because they are not adequately prepared for the way the exam asks you the questions.

Doing the Boson practise exams every day as part of your CCNA preparation is vital to your success. The Boson CCNA practise exam is free as part of your home study kit.

## ➤ **Free Updates**

Free updates for 12 months so any new subjects introduced to the CCNA syllabus will be added to a password protected page that you will have access to.

## **Pre-Requirements:**

It is recommended that students have completed the A+ Certification Course or have a general understanding/experience of using PCs and Networks or Networking equipment, but this is not a requirement.

## **Course Duration & Support:**

Students may register at any time. The courses are designed as self-study courses but if you have any problems you can email our email support. As the course is self study you can complete in as little or as long a time as you prefer, and we do not impose a cut-off date for study.

## **Assessment:**

Final assessment would be the Cisco CCNA 640-802 Certification Examination. This exam tests a candidate's knowledge and skills required to install, operate, and troubleshoot a small to medium size enterprise branch network.

The Examination is 90 Minutes long and has 45-55 questions in a multiple choice/multiple answer format.

## **Qualification:**

On completion of the Cisco CCNA course, you can apply for the Internationally Recognised **Cisco CCNA 640-802 Examination**.

Examinations must be sat at a registered Pearson VUE testing centre and are currently £169.00 + VAT each.

You can locate testing centres and schedule appointments on their Websites:

**Pearson VUE** - <http://pearsonvue.com/>

