



Cisco Certified Network Administrator (CCNA) Course

90 Clock Hours

To better help working adults and Active Duty Military meet their educational goals, InovaTech College of Business & Technology offers a full range of certificate programs and courses geared toward helping members of the workforce stay current in today's demanding job market. Certificate programs offer working adults a convenient, flexible way to earn credentials for career advancement. Certificates are awarded upon successful completion of the required coursework. All course certificates are issued and mailed by the Registrar's Office.

WHAT IS THE CCNA COURSE?

The CCNA course consists of two separate sections: ICND1 and ICND2. Both these sections are needed for the CCNA certification.

The CCNA ICND1 section introduces the OSI model, network topologies, IP addressing, and subnet masks, simple routing techniques, and basic switching terminology. Topics include the basic functions of the seven layers of the OSI model, different classes of IP addressing and subnetting, router login scripts, router configurations, router protocols, switching methods, and hub terminology. Topics include the basic flow control methods, router startup commands, manipulation of router configuration files, IP and data link addressing. Upon completion, students should be able to list the key internetworking functions of the OSI Networking Layer and how they are performed in a variety of router types, prepare the initial router configuration files, as well as enable, verify, and configure IP addresses.

The CCNA ICND2 section introduces advanced router configuration, advanced LAN switching theory and design, VLANs, Novell IPX, and threaded case studies. Topics include router elements and operations, adding routing protocols to a configuration, monitoring IPX operations on the router, LAN segmentation, and advanced switching methods, WAN theory and design, WAN technology, PPP, Frame Relay, ISDN, and additional case studies. Topics include network congestion problems, TCP/IP transport and network layer protocols, advanced routing and switching configuration, ISDN protocols, PPP encapsulation operations on a router. Upon completion, students should be able to describe LAN and network segmentation with bridges, routers and switches and describe a virtual LAN, provide solutions for networking routing problems, identify ISDN protocols, channels, and function groups, describe the Spanning Tree protocol.

HOW LONG IS THE COURSE?

Each course is equal to 45 clock hours can be attended as follows:

- for 1 week, Mon-Fri, from 8:30am to 5:30pm
- for 2 weeks, Mon-Fri, from 5:30pm to 10:00pm

WHEN IS THE COURSE OFFERED AND WHEN IS THE REGISTRATION DEADLINE?

Course	Dates	Weekdays	Class Times	Registration Deadline
1. CCNA	7 September – 9 October 2009	Mon-Fri	5:30pm – 10:00pm	September 6, 2009
2. CCNA	14 September – 23 October 2009	Mon-Fri	5:30pm – 10:00pm	September 11, 2009

Schedule Updated on: June 24, 2009

HOW MUCH IS THE COURSE AND WHAT DOES THE PRICE INCLUDE?

The price of the course is \$2,100 and it includes the following:

- The CCNA course

- The books for both courses
- All the supplies needed for the courses
- 1 Free re-attendance of the course within 1 year from the end date of the initial training provided that the course is already scheduled
- Unlimited snacks, coffee and sodas for the training period.

The price of the course does not include the certification exam.

ARE THERE ANY OTHER FEES INVOLVED?

No. InovaTech does not charge students any other fees.

WHAT ARE THE PRICES OF THE CERTIFICATION EXAMS?

The prices of the certification exams are the following:

- \$125 for the ICND1 exam
- \$125 for the ICND2 exam

Both exams must be passed for the CCNA certification.

HOW CAN I REGISTER FOR A CERTIFICATION EXAM?

InovaTech College of Business and Technology has both a Prometric and a Pearson VUE Testing Center. To register for an exam, you have two options:

1. You can register online at www.prometric.com or www.pearsonvue.com
2. You can contact Ms. Kimberly Shelton, our Test Center Manager (TCM), by email at Kimberly.Shelton@InovaTech or by phone at (910) 222-1013 at least 24 hours before the desired testing date. Our test center hours are Mon-Thu from 10:30am to 4:30pm and Fri from 10:30am to 2:00pm. Our test center is also open one Saturday each month to accommodate the working students. For more details on the Saturday hours, please contact our TCM.

WHO CAN I CONTACT TO ENROLL IN THE CCNA COURSE?

For more information or to enroll in the CCNA course, please contact our Director of Education, Ms. Daniela Pavel by email at Daniela.Pavel@InovaTech or by phone at (910) 222-1012.