

## COLLEGE PARTNERSHIP PROGRAM

Tuition Assistance Breakdown for

# Cisco CCNP

## Certification Program

CompTIA A+ Certification, CCNA, CCNP

	2004	2004		TOTAL
Contact Hours	272	272		544
Semester Hours	18.14	18.14		36.28
Cost	4500	4500		\$9,000
Cost Per Semester Hour	\$248.07	\$248.07		
TA Authorized (100% of \$250 cap)	4500	4500		\$9,000
Student Cost	\$0	\$0		\$0

# CCNP Program

## Cisco Certified Network Associate

The CCNP certification (Cisco Certified Network Professional) indicates advanced or journeyman knowledge of networks. With a CCNP, a network professional can install, configure, and operate LAN, WAN, and dial access services for organizations with networks from 100 to more than 5000 nodes, including but not limited to these protocols: IP, IGRP, IPX, Async Routing, AppleTalk, Extended Access Lists, IP RIP, Route Redistribution, RIP, Route Summarization, OSPF, VLSM, BGP, Serial, Frame Relay, ISDN, ISL, X.25, DDR, PSTN, PPP, VLANs, Ethernet, Access Lists, 802.10, FDDI, Multi-Layered Switching, Hot Standby Routing Protocol,

Prerequisites: For the INTRO class – A+ Certification training or equivalent background.  
For the ICND class, the Cisco INTRO class is the prerequisite.

***Prerequisite knowledge: A+ certification training or equivalent background.***

<b><u>Phase I - CCNA™ Cisco Certified Network Associate™</u></b>	<b>\$4500</b>
<b>A+ Certification, OLA (On-Line Anytime)</b>	<b>10 days 80 hours</b>
<b>Introduction to Cisco Networking Technologies</b>	5 days 40 hours
Class Location: New Horizons Computer Learning Center	
<b>ICND Interconnecting Cisco Network Devices</b>	5 days 40 hours
Class Location: New Horizons Computer Learning Center	
<b>Project Fundamental</b>	3 days 36 hours
<b>Project 2000, Level I &amp; II, OLA</b>	3 days 24 hours
<b>Project IT, OLA</b>	7 days 52 hours

Six months On-Line Tutorials for INTRO & ICND

Virtual-Lab Simulators for INTRO & ICND

Practice exam for INTRO & ICND

Total 272 contact hours / 18.14 semester hours / Cost per semester hour \$248.07

<b><u>Phase II - CCNP™ Cisco Certified Network Associate™</u></b>	<b>\$4500</b>
<b>BCSI Building Cisco Scalable Internetworks</b>	5 days 40 hours
<b>BCMSN Building Cisco Multilayer Switched Networks</b>	5 days 40 hours
<b>BCRAN Building Cisco Remote Access Networks, OLA</b>	5 days 52 hours
<b>CIT Cisco Internetwork Troubleshooting, OLA</b>	5 days 52 hours
<b>Designing Perimeter Security (DPS), OLA</b>	3 days 36 hours
<b>Designing VPN Security, OLA</b>	5 days 52 hours

Six months On-Line Tutorials for BCSI, BCMSN, BCRAN and CIT

Virtual-Lab Simulators for BCSI, BCMSN, BCRAN and CIT

Practice exams for BCSI, BCMSN, BCRAN and CIT

Total 272 contact hours / 18.14 semester hours / Cost per semester hour \$248.07

**Total Hours: 544**

**Total CCNP Program Cost: \$9,000**

# Cisco CCNA Program

**Prerequisite: Foundation Phase or equivalent background**

## **A+ Certification**

### **A+ Hardware & Software Support Skills – On Line Anytime**

This CompTIA course provides students with the knowledge necessary to understand and support the hardware and software components of the computer. Students learn to maintain and troubleshoot the computer. This course is considered foundation in preparation for success in a CCNA program.

## **Introduction to Cisco Networking Technologies**

CCNA Basics presents important networking fundamentals using the Open Systems Interconnect (OSI) seven layer model concepts; terminology and technologies are explained and illustrated using text and graphics animation.

## **ICND Interconnecting Cisco Network Devices (CCNA)**

This course provides you with the information required installing, configuring, and troubleshooting Cisco routers and switches in multi-protocol networks. Learn configuration procedures necessary to build multi-router, multi-group internetworks. Configure LAN and WAN interfaces for the most commonly used routing and routed protocols. Learn to identify, design, and implement the best Cisco solution for your internetworking requirements.

## **BCSI Building Cisco Scalable Internetworks**

Building Scalable Cisco Internetworks (BCSI) focuses on using Cisco routers connected in LANs and WANs typically found at medium to large network sites. The course provides the learner with in-depth information on these interior gateway protocols (IGPs): Enhanced Interior Gateway Routing Protocol (EIGRP), Open Shortest Path First (OSPF), and Configuring IS-IS Protocol. It also provides information on Border Gateway Protocol (BGP). The course covers routing principles of both distance vector and link-state routing protocols; IP addressing techniques; the theory behind the EIGRP, OSPF, IS-IS, and BGP routing protocols; and configuration and troubleshooting information for each protocol. Hands-on lab exercises allow the learner to practice configuration and troubleshooting knowledge and to acquire the skills necessary to configure these protocols in customer networks.

## **BCMSN- Building Cisco Multilayered Switched Networks**

In the Building Cisco Multilayer Switched Networks (BCMSN) network administrators learn how to build campus networks using multilayer switching technologies over high speed Ethernet. This course includes both routing and switching concepts, covering both Layer 2 and Layer 3 technologies. Network administrators also learn how to managing Redundant Links, InterVLAN Routing, Building a Campus Networks, Configuring HSRP for a Fault-Tolerant Routing, Multicast, InterVLAN Routing, Controlling Access to the Campus Network.

## **BCRAN Building Cisco Remote Access Networks**

In the Building Cisco Remote Access Networks course, students learn how to build, configure and troubleshoot a remote access network to interconnect central sites to branch offices and home offices. Students also learn how to control access to the central site, as well as to maximize bandwidth utilization over the remote links.

## **Designing Perimeter Security**

This course teaches the knowledge and skills needed to design secure network perimeters. The focus is on providing connectivity and access control enforcement solutions on network boundaries. The course identifies compares and explains NAT technologies (both basic and advanced) and advanced NAT design. It also describes the function, features and limitations of firewalls, and details best practice firewall design guidelines and architectures based on a defined security policy. Guidelines are provided on how to integrate an application with a particular firewall technology and how to design high availability and high performance firewall systems. Advanced ASA features are covered along with the advanced security features of Cisco IOS software when using it in a firewall system design.

## **Designing VPN Security**

This task-oriented course teaches the knowledge and skills needed to design a secure Cisco VPN network for an enterprise.