CISCO CERTIFICATION PROGRAMS IN NETWORK TECHNOLOGY

Our primary focus is to train network specialists, IT technicians, LAN/WAN engineers, and professionals in the skills necessary for success in the field of Internet technology.

Our academy provides training and support to 20 local academy instructors and students in Queens and the greater metropolitan area. Queens College is one of four colleges (including Columbia, NYU, and Stanford) selected by Cisco to host the International E-Learning Conference for Educational Leaders in Europe.

Students with limited computer knowledge and no experience in networking may find it useful to begin with our new introductory course, Basic Networking.

For up-to-date information, visit our web site: www.qc.cuny.edu/cisco

CCNA program for agency-funded students (VESID, SBS, etc.) should call for a schedule at 718-997-4984. Students with low income may qualify for a FREE program.

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)

Prepare for the CCNA certification exam and gain the skills needed to enter the computer networking workforce. After passing the exam, get your CCNA certificate.

REQUIRED COURSES

- CP-750 CCNA Semester 1, v.3.1
- CP-751 CCNA Semester 2, v.3.1
- CP-752 CCNA Semester 3, v.3.1
- CP-753 CCNA Semester 4, v.3.1

CP-750, See Sections Below-QC
CCNA Semester 1, v.3.1

Teaches the basic network design, LAN Switching, TCP/IP, WAN, and Signals, OSI model and industry standards, Network topologies, IP addressing, including subnet masks, and Networking components. Comprehend how the network operates. Hands-on labs are provided. This course is comparable to CP-771.

- Section SU11
  Sunday, 10:00 a.m. - 5:00 p.m.
  June 17 - August 12
  $800 • 9 sessions • TBA

- Section MW22
  Monday & Wednesday, 6:00 - 9:45 p.m.
  June 25 - August 13
  $800 • 16 sessions • TBA

CP-751, See Sections Below-QC
CCNA Semester 2, v.3.1

Learn about the Router and WANs, how to use a router, routed and routing protocols, router configurations, CISCO IOS and IP sub-netting.

Prerequisite: CP-750.

- Section SA11
  Saturday, 10:00 a.m. - 5:00 p.m.
  June 9 - August 18
  $800 • 9 sessions • TBA

- Section TR22
  Tuesday & Thursday, 6:00 - 9:45 p.m.
  July 10 - August 30
  $800 • 16 sessions • TBA

CP-752, See Sections Below-QC
CCNA Semester 3, v.3.1

A quick tour and review of the OSI Reference Model and Routing: LAN Switching, Virtual LANs (VLANs), LAN Design, and more.

Prerequisite: CP-751.

- Section SA11
  Saturday, 10:00 a.m. - 5:00 p.m.
  June 2 - July 28
  $800 • 9 sessions • TBA

- Section SA12
  Saturday, 10:00 a.m. - 5:00 p.m.
  August 25 - October 20
  $800 • 9 sessions • TBA

- Section MW23
  Monday and Wednesday, 6:00 - 9:30 p.m.
  July 16 - September 12
  $800 • 16 sessions • TBA

CP-753, See Sections Below-QC
CCNA Semester 4, v.3.1

Learn the design and support of the WAN switching network; case study hands-on exercises, and more.

Prerequisite: CP-752.

- Section TR21
  Tuesday and Thursday, 6:00 - 9:30 p.m.
  June 12 - August 2
  $800 • 16 sessions • TBA

- Section SU12
  Sunday, 10:00 a.m. - 5:00 p.m.
  July 1 - August 28
  $800 • 9 sessions • TBA

CP-754, See Sections Below-QC
CCNA Semester 5, v.3.1

Learn about the Internet and TCP/IP networking, routing and switches, subnetting and IP address, network design, and wireless technology.

Prerequisite: CP-753.

- Section TR21
  Tuesday and Thursday, 6:00 - 9:30 p.m.
  June 12 - August 2
  $800 • 16 sessions • TBA

- Section SU12
  Sunday, 10:00 a.m. - 5:00 p.m.
  July 1 - August 28
  $800 • 9 sessions • TBA

CP-755, See Sections Below-QC
CCNA Semester 6, v.3.1

Learn about the Internet and TCP/IP networking, routing and switches, subnetting and IP address, network design, and wireless technology.

Prerequisite: CP-754.

- Section TR21
  Tuesday and Thursday, 6:00 - 9:30 p.m.
  June 12 - August 2
  $800 • 16 sessions • TBA

- Section SU12
  Sunday, 10:00 a.m. - 5:00 p.m.
  July 1 - August 28
  $800 • 9 sessions • TBA

CISCO CERTIFIED NETWORK PROFESSIONAL PROGRAM (CCNP)

CCNP is a certificate program for professionals working with traditional Cisco-based networks, primarily including LAN and WAN routers and LAN switches. Learn to install, configure, operate, and troubleshoot complex Cisco-based networks and enhance reliability and quality of service.

Prerequisite: Cisco Certified Network Associate Program & CCNA certification.

- Section TR21-QC
  CCNP Certification 1, Learn to Build Scalable Cisco Networks
  Tuesday and Thursday, 6:30 - 9:30 p.m.
  June 5 - July 19
  $1,350 • 15 sessions • TBA

- Section SU11-QC
  CCNP Certification 2
  Tuesday and Thursday, 6:00 - 9:00 p.m.
  June 30 - August 1
  $20 registration. Payment plan available.

- Section TR21-QC
  CCNP Certification 3, Build Cisco Multilayer Switched Networks
  Tuesday and Thursday, 6:30 - 9:30 p.m.
  June 26 - August 14
  $1,350 • 16 sessions • Salvador Morales

- Section SU12-QC
  CCNP Certification 4
  Not offered this semester

CISCO REGIONAL-LOCAL TRAINING ACADEMY

Ruby Chua, Director

Queens College / CUNY CONTINUING EDUCATION PROGRAM

TO REGISTER OR FOR MORE INFORMATION: TEL (718) 997-5700 ■ EMAIL: CEP@QC.EDU ■ WWW.QC.CUNY.EDU/CEP
HOME TECHNOLOGY INTEGRATOR (HTI+)
CERTIFICATION

The CompTIA HTI+ certification exam is the leading vendor-neutral certification for technicians in the automated home industry who install and network digitally-based security, audio and video, computer heating and air conditioning, cable and satellite, and telecommunications systems.

There is a rapidly growing need for qualified technicians to set up and maintain networked security, environmental, and home entertainment systems. Work for a large corporation or start your own installation business—either way, HTI+ certification is the credential you need for the 21st century.

CP-770, Section TR21-QC HTI+ Exam Prep

Study for two HTI+ certification exams and become qualified to bring home technology into the 21st century. This course is made up of three modules.

Module 1: Basic Network
Module 2: HTI+ Residential Systems
Module 3: HTI+ Systems Infrastructure and Integration.

Not offered this semester.

CISCO CERTIFIED SECURITY PROFESSIONAL PROGRAM (CCSP)

The CCSP Program offers preparation of the Cisco Security Plus exam.

CP-757, Section SA11-QC Cisco Wireless LANs Offers a comprehensive overview of wireless LANs — design, planning, implementation, operation, troubleshooting, and more.

Prerequisite: CP-750 & CP-751
- Saturday, 10:00 a.m. - 3:15 p.m.
  June 23 - August 25
  $750 • 10 sessions • TBA

CISCO CERTIFIED VOICE PROFESSIONAL PROGRAM (CCVP)

This program offers preparation for Cisco Voice Professional exams:

CP-760, Section SA11-QC Voice over Internet Protocol (VoIP)

Enables you to choose the best way of carrying voice calls over an IP network including digitization and packetization of voice and data. Learn to design, configure, and integrate a network. The class emphasizes IP telephony’s use of VoIP standards to create a system with advanced call routing, voice mail, and contact center.

Prerequisite: Basic Networking or equivalent courses
- Saturday, 10:00 a.m. - 2:30 p.m.
  June 30 - August 18
  $995 • 8 sessions • TBA

CP-761 Cisco IP Telephony I (CIPT I)

Learn to install, configure, and maintain a Cisco IP telephony solution. Focus is primarily on Cisco CallManager, the call routing and signaling component for the Cisco IP telephony solution. Includes lab practice where students can install and configure Cisco CallManager, configure gateways, gatekeepers, and switches; and build route plans to place intra- and intercluster Cisco IP phone calls.

Prerequisite: CP-760-VOIP or Cisco Switching
- Class schedule to be announced

CP-762 Cisco IP Telephony II (CIPT II)

Teaches the advanced features of Cisco CallManager. Enables students to configure the applications to support video calls and conferencing; and to extend the capabilities of Cisco CallManager. Focuses on securing and managing IP communications network, and solutions with internal server tools.

Prerequisite: CP-760-VOIP or Cisco Switching
- Class schedule to be announced

IT CABLE INSTALLATION PROGRAM

Prepares individuals for certification in IT Cabling. Teaches basic cabling system design, structure, installation, administration, and testing of various types of cables and fiber optic cabling systems. The training concentrates on developing individuals’ skills for terminating, testing, and troubleshooting, as well as dressing. Students must complete five modules: Basic Networking, Cabling I, Cabling II, Cabling III-Fiber Optic, and Cabling Safe Working Practices. Those students who successfully complete this program have a good chance of being employed by Cablevision if they pass the necessary testing and background requirements. Also note that Cablevision employment requires a valid NY State Driver License with a good driving history.

Prerequisite: Computer knowledge or A +

REQUIRED COURSES
- CP-771 Basic Networking
- CP-772 Cabling I
- CP-773 Cabling II
- CP-774 Cabling II — Fiber Optic
- CP-775 Safe Working Practices and Principles
CP-771, See Sections Below-QC
Basic Networking
Learn network computer basics, OSI Model, Local Area Networks (LANs), Layer 1-Electronics and Signals, Design and Communication; Structured Cabling Project. This course is comparable to CP-750.

- Section SU11
  Sunday, 10:00 a.m. - 5:00 p.m.
  June 17 - August 12
  $800 • 9 sessions • TBA

- Section MW22
  Monday & Wednesday, 6:00 - 9:45 p.m.
  June 25 - August 13
  $800 • 16 sessions • TBA

CP-772, Section SA11-QC
Cabling I
Teaches the types of cabling and telecommunication cables installation, termination and testing practices. Learn to define specific NEC codes that must be followed when installing telecommunication cables in commercial buildings. Understanding ANSI/TIA-568-B Cabling Standards is emphasized.

- Saturday, 10:00 a.m. - 4:00 p.m.
  July 14 - August 4
  $520 • 4 sessions • TBA

CP-773, Section SA11-QC
Cabling II—Designing Structures and Cable Systems
Teaches the process of designing a structured cabling system and the supporting structures in the commercial and multi-tenant residential buildings for voice and data applications. Teaches how the structures cabling system is broken down into a category of interconnected subsystems using Coax/Ethernet. Hands-on labs are provided.

- Saturday, 10:00 a.m. - 4:00 p.m.
  August 11 - October 6
  $750 • 8 sessions • TBA

CP-774, Section SU11-QC
Cabling III—Fiber Optic
Shows step-by-step instructions for each stage of fiber optic cabling installation and testing according to TIA/EIA-568-B cabling standards. Describes the steps for performing link engineering to verify that a fiber optic cabling system will work for different network technologies including 10Base-F, 100Base-X,1000Base-X, FDDI and ATM. Hands-on labs are provided.

- Sunday, 10:00 a.m. - 5:00 p.m.
  August 19 - October 7
  $850 • 8 sessions • TBA

CP-775, Section SA11-QC
Cabling Safe Working Practices
This hands-on interactive course provides students with an understanding of communications principles and how they are applied in modern communications systems. Students will also gain essential knowledge and skills to ensure they can work safely on site when installing communications cabling.

- Saturday, 10:00 a.m. - 4:00 p.m.
  October 6 and October 13
  $230 • 2 sessions • TBA

CISCO NETWORKING ACADEMY
IT SUPPORT/HELP DESK TECHNICIAN CERTIFICATE PROGRAM
After completion of Cisco IT Essentials I course, students are prepared for CompTIA’s A+ Essentials exam and three CompTIA job environment certification exams: IT Technician (602), Remote Support Technician (603), and Bench Technician (604). Cisco IT Essentials II will prepare students for a Server Plus exam. All exams are “industry-standard” certifications needed for a job as an IT Support/Helpdesk Technician.

REQUIRED COURSES
- CP-750 Basic Networking/Network+ see page 23
- CP-776 Cisco IT Essentials I/A+
- CP-777 Cisco IT Essentials II

CP-778, Section SA11-QC
Panduit Network Infrastructure Essentials (PNIE) Program
This course aligns to the Panduit Authorized Installer (PAI) global certification and covers basic cable installer knowledge, how to build and administrate the physical layer of network infrastructure, and deeper understanding of the networking devices that this layer interconnects. This course helps students prepare for Global Panduit Certified Installer exam.

- Saturday, 10:00 a.m. - 5:00 p.m.
  July 14 - September 29
  $850 • 10 sessions • TBA

- See Sections Below-QC
Cisco IT Essentials I/A+:
PC Hardware and Software
Students learn the functionality of hardware and operating systems components. Through hands-on activities and labs, students learn how to assemble and configure a computer, install operating systems and software, and troubleshoot hardware and software problems. After completion, students will develop the necessary skills to build a computer.

- Section SU11
  Sunday, 10:00 a.m. - 5:00 p.m.
  June 10 - August 12
  $800 • 10 sessions • TBA

- Section SA12
  Saturday, 10:00 a.m. - 5:00 p.m.
  June 9 - August 11
  $800 • 10 sessions • TBA
An awareness that cameras are in place provides people peace of mind. Cameras installed in places of business assure clients that they can make safe transactions 24 hours a day. With the use of cameras in homes, families are provided with the security that their properties are being monitored on a daily basis; and for individual use, personal cameras can be a tool to monitor business activities.

Security System Technician Certificate Program consists of three modules: Basic Networking, Basic Cabling, and Electronic Security System/Surveillance. This program provides hands-on experience to students which focuses on designing, installing, configuring, and maintaining the security system as a tool to monitor human activities. Topics include the analog and digital video surveillance systems, network-enabled for remote monitoring, keypad and card access control, intrusion detection, internet-enabled for remote administration and detailed reporting.

Prerequisite: Computer basic knowledge

REQUIRED COURSES
CP-771 Basic Networking, see page 25
CP-772 Cabling I, see page 25
CP-779 Electronic Security System/Surveillance

CP-779, See Sections Below-QC
Electronic Security System/Surveillance

Learn to quote, inspect, install, configure and troubleshoot most of the DVR (Digital Video Recording) system that actually exist in the security market. Learn how to set up 4, 8 or 16 cameras, configure full or motion sensor recording; also configure ports and high speed internet for remote view.

- Section SU11
  Sunday, 10:00 a.m. - 2:30 p.m.
  July 8 - August 19
  $730 • 7 sessions • TBA

- Section TR22-QC
  Tuesday & Thursday, 6:00 - 9:00 p.m.
  July 17 - August 6
  $730 • 10 sessions • TBA

Cisco Systems Networking Academy

Our primary purpose is to train students to become successful network specialists, IT technicians, engineers and professionals in the field of Internet Technology.

Study at one of our local academies for the Cisco Networking Academy Program.

Visit our website for a complete list of courses & programs.

www.qc.cuny.edu/cisco

NEW OFFERINGS!
Certified Internet Web Professional (CIW)
Alarm System Certificate Program

Any individual approved for ITA Voucher (SBS Funding) will be eligible for a free program.
PROJECT MANAGEMENT PROFESSIONAL CERTIFICATE PROGRAM

Everybody is talking about projects. More companies are requiring certification and looking for skilled individuals to get projects started and successfully completed. But why do most projects fail to meet requirements? What does it take to be a successful project manager? Here is an opportunity to learn about project management via a hands-on approach. Familiarize yourself with the major areas of competency required to succeed in the field.

PROGRAM DESCRIPTION

Project Management Professional (PMP) Certificate Program focuses on developing and improving the performance of projects and programs, either in the field of technology, finance/accounting, building construction and industrial expansion, or any other field which require project managers to initiate the projects: individuals with their current fields of expertise will be able to deploy the projects with competency after completion of this training program. This program is developed in alignment to PMI/CompTIA standards. Completion of two modules, Introduction to Project Management and Advanced Project Management prepares students for the Project Management Institute (PMI) certification exam. Textbooks required; must be purchased before first session.

Required courses:

CP-785, Introduction to Project Management

Teaches you to use the business graphic application to create drawings ‘virtual’ plastic drawing stencils. Topics include Visio diagrams, organizational charts, website maps, and Microsoft Office documents. It emphasizes on solutions that help business professionals visualize existing ideas and information and share and prototype new ideas and information.

Section MW
- Monday & Wednesday, 6:00 - 9:30 p.m.
- June 8 - July 2
- $650 • 9 sessions • TBA

Section TR
- Tuesday & Thursday, 6:00 - 9:30 p.m.
- June 10 - July 7
- $650 • 9 sessions • TBA

CP-786, Advanced Project Management

This course is an in-depth study of advanced Project Management topics such as risk management, resource management, cost management and measurement, contract and vendor management, Project Management, and Book of Knowledge (PMBoK) and Case Study will be emphasized.

Section TR21
- Tuesday & Thursday, 6:00 - 9:30 p.m.
- July 24 - August 21
- $650 • 9 sessions • TBA

CP-787, Microsoft Visio

Teaches you to create project plans and deliverables. It focuses on the Visio diagrams, organizational charts, websites maps, and Microsoft Office documents. It emphasizes on solutions that help business professionals visualize existing ideas and information and share and prototype new ideas and information.

Section SA11
- Saturday, 6:00 a.m. - 9:00 p.m.
- July 8 and August 2
- $65 • 2 sessions • TBA

CP-788, Microsoft Project

Teaches you to use the Microsoft Office Project Professional 2003 as a tool to assist professionals in managing projects. After successful completion of this course, students will be able to create a project plan file and enter task information, create a work breakdown structure by organizing tasks and setting task relationships, assign project resources and finalize the project plan file.

Section SA11-QC
- Saturday, 10:00 a.m. - 3:00 p.m.
- July 28 and August 4
- $265 • 2 sessions • TBA

BS-405, Exercising Leadership

Offered Fall 2007
May substitute for any 10-20 hour leadership courses

BS-423, Managing Conflict, Diversity and Difficult People

May substitute for any 10-20 hour leadership courses

BS-405, Exercising Leadership

Offered Fall 2007
May substitute for any 10-20 hour leadership courses

BS-423, Managing Conflict, Diversity and Difficult People

May substitute for any 10-20 hour leadership courses

Please Note:
Cost of entire program is $2,320