

IT 4100

Cisco CCNA

Network Associate

7 weeks

DURATION



ISSUING AUTHORITY

High School Diploma or GED

REQUIREMENTS



PROGRAM DETAILS

Cisco Certified Network Associate (CCNA) certification provides validation and demonstrates that the student can properly execute networking protocols using the latest Cisco products and solutions.

The industry's most widely recognized and respected associate-level certification, CCNA focuses exclusively on technical skills related to Cisco products. This ensures that graduates are job-ready, with functional working knowledge of today's devices and technologies.

Integrated throughout this course is a series of Practice Labs, which allow students to test their IT skills and demonstrate proficiency in specific tasks and procedures related to configuring and managing Cisco networking equipment. Within the practice lab environment, students learn by doing by way of both guided and self-guided tasks within a hosted virtual live environment. Students will learn how to setup and configure switches and routers to ensure smooth functionality of the network. After completion, students will be able to plan and configure different IP ranges for a network and configure Cisco equipment accordingly. The tasks in the exercises are aligned to give students an in-depth knowledge of configuring and maintaining a network using Cisco networking equipment.






Because Customer Service is a priority in situations where any interaction occurs, students will learn the fundamentals of Customer Service by completing a module that has been aligned with standards set forth by the Professional Association for Customer Engagement (PACE).

Upon completion, MedCerts will sponsor the cost of the CCNA exam.

COURSES

- CS 1011 Customer Service Professional – Level I
- IT 2014 Cisco Certified Network Associate with Practice Labs

AT THE END OF THIS PROGRAM, YOU WILL BE ABLE TO:

-  Identify the components of a computer network and describe their basic characteristics
-  Understand the role and functions of different network components such as routers, switches, next generation firewalls, /PS, controllers, and more.
-  Describe the TCP/IP internet Layer, IPv4, its addressing scheme, and subnetting
-  Describe network and device architectures and introduce visualization
-  Differentiate traditional networking and controller-based networking

ATTAINABLE CAREERS

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|----------------------|------------------------|
| Network Architect | Cyber Security Analyst |
| IT Director | Security Administrator |
| Sr. Network Engineer | Technical Support |
| Systems Engineer | Technology Specialist |



TARGET CERTIFICATIONS

- CCNA** Cisco Certified Network Associate

As a MedCerts Student, you also have the added benefit of Job Search Assistance including guidance with resume building, networking, interviewing, and job search tips.