

CISCO CERTIFIED NETWORKING ADMINISTRATOR (CCNA), CERTIFICATE OF ACHIEVEMENT

Course	Title	Units
CST C203D	CCNA 3: Enterprise Networking, Security, and Automation	3
Total Units		16

Banner Code: 3_CN_CCNA

Control Number: 42525

Not Financial Aid Eligible

The courses in this program provide students with a solid foundation in the tools, techniques, and procedures used by computer networking professionals. Program courses are hands-on intensive, covering topics such as cabling, router, and switch configurations, routing protocols, network addressing, Frame Relay, variable-length subnet masking, Network Address Translation (NAT), Dynamic Host Configuration Protocol (DHCP), Wide Area Network (WAN) design, and cloud fundamentals. The program is designed to help students develop in-demand skills to prepare for the Cisco Certified Network Associate (CCNA) Certification Exam.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Demonstrate the ability to locate technical resources to solve problems with networking hardware and software.
2. Demonstrate proficiency with various software packages to solve common networking problems to design and implement a workable solution.
3. Build and maintain secure networks.

Certificate Graduation Requirements

A Certificate is awarded upon completion of the required coursework with a grade of C or higher in each course. A grade of P (Pass) is acceptable, however, the student must meet an overall GPA requirement of 2.0 to receive the certificate. To receive the certificate, a student must file a petition for graduation during their final semester prior to the application deadline as noted on the Coastline Graduation webpage (<https://www.coastline.edu/student-life/graduation.php>).

Review Graduation Requirements (<https://catalog.cccd.edu/coastline/graduation-requirements/certificates/#achievementtext>).

Course	Title	Units
Required Core		
Complete the following:		
CST C110	Computer Hardware and Software (A+ Essentials)	4
CST C198	Amazon Web Services (AWS) Cloud Foundations	3
CST C201D	CCNA 1: Introduction to Networks (ITN)	3
CST C202D	CCNA 2: Switching, Routing, and Wireless Essentials	3