CISCO CERTIFIED NETWORK ASSOCIATE (CCNA) ROUTING AND SWITCHING, SC

Program Description

This certificate prepares students to take the Cisco Certified Network Associate (CCNA) Routing and Switching exams. This certification validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks.

This program is not eligible for financial aid. However, it may be eligible for scholarship funding if the student is awarded scholarships.

Recommended Course Schedule

1st semester		Units
CSCO 120	CCNA Internetworking Fundamentals	4
	Semester Total	**4**
2nd semester		
CSCO 121	CCNA Routing and Switching Essentials	4
	Semester Total	**4**
3rd semester		
CSCO 220	CCNA Scaling Networks	3
	Semester Total	**3**
	Total Units	**11**

Program Requirements

Skills Certificates can consist of a single course or a short set of courses that provide training for entry-level positions or career advancement. These short-term certificates may also prepare students to take state, national and/or industry-recognized certifications or licensing exams.

Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester. Students cannot declare a skills certificate as one's major. Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

Code	Title	Units
Certificate Requirement		
CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing and Switching Essentials	4
CSCO 220	CCNA Scaling Networks	3
Total Units		**11**

Program Outcomes

Students completing the certificate will:

PLSO1: Perform basic configurations of network devices.

PLSO2: Configure and troubleshoot basic operations of routers in a complex routed network for IPv4 and IPv6 using OSPF, EIGRP, and RIP.

PSLO3: Configure and troubleshoot serial and broadband connections.