

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

- PLS01: Perform basic configurations of network devices.
- PLS02: Configure and troubleshoot basic operations of routers in a complex routed network for IPv4 and IPv6 using OSPF, EIGRP, and RIP.
- PLS03: Configure and troubleshoot serial and broadband connections.

## 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
<b>Semester Total</b>		<b>4</b>
2nd semester		Units
CSCO 121	CCNA Routing and Switching Essentials	4
<b>Semester Total</b>		<b>4</b>
3rd semester		Units
CSCO 220	CCNA Scaling Networks	3
<b>Semester Total</b>		<b>3</b>
<b>Total Units</b>		<b>11</b>

## 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
<b>Certificate Requirement</b>		
CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing and Switching Essentials	4
CSCO 220	CCNA Scaling Networks	3
<b>Total Units</b>		<b>11</b>

## Program Outcomes

Students completing the certificate will: