

CISCO NETWORKING ASSOCIATE, SKILLS COMPETENCY AWARD (SCA)

Overview

The field of computer-related technologies continues to evolve at an astounding pace. Fortunately, the Department of Computer Network Engineering provides direct access to the wide variety of exciting careers in this field. The department not only offers programs which meet the general needs of the industry, but also provides several unique specialty programs. Most programs may be completed for a highly specific technical Certificate, or taken along with General Education courses for the broader A.S. Degree.

The Computer Network Engineering program prepares students to work in the area of network support, a field which currently commands excellent salaries. Students are given extensive training for many of the major industry certification exams: A+, Microsoft, and Cisco. Graduates are currently working as LAN/WAN specialists, network administrators, Internet/intranet administrators and network designers, and network engineers.

In addition to the Degree program, the department offers Skills Competency Awards for the CCNA and CCNP certifications.

Graduates from the Computer Network Engineering Department benefit greatly from the excellent reputation Santa Barbara City College has earned. In contrast to those with only highly specific training, the broad education received by our students makes them preferred job candidates with many local employers.

Requirements

Skills Competency Award Requirements

Complete all department requirements with a "C" or higher or "P" in each course. Candidates for a Skills Competency Award are required to complete at least 20% of the department requirements through SBCC.

Code	Title	Units
CNEE 125	CCNA I-Introduction to Switching and Routing ¹	5
CNEE 126	CCNA II Advanced Routing and Switching ²	5
Total Units		10.00

¹ Students who completed CNEE 131 and CNEE 132 are exempt from taking CNEE 125 CCNA I-Introduction to Switching and Routing.

² Students who completed CNEE 133 and CNEE 134 are exempt from taking CNEE 126 CCNA II Advanced Routing and Switching.

Learning Outcomes

1. Install cables for data networks.
2. Configure a Cisco router
3. Configure a Cisco switch and advanced router configuration
4. Configure Wide Area Network links.