Computer Information Systems: Networking Certificate

Networking is one of the fasted growing fields in the state. The AS degree in networking will prepare a student to become a Cisco Certified Network Associate and for a career in computer networking

Please see a Pathways Counselor: Create an education plan customized to meet your needs. Contact a Counselor

Transfer Majors/Award Focus

- Computer Science, A.S.-T CSU, CSUSM, UC
- Computer Information Systems, A.S., Focus: Authoring, Networking, Programming: General, Database, Web
- Internet Authoring, Networking, Programming Certificate

GE Pattern/Units

- GE Pattern: n/a
- Total Units: 18

Program maps indicate the major coursework and recommended general education courses to fulfill your degree in 2 years (approximately 15 units/semester or 30 units/year). If you are a part-time student, start Semester 1 courses and follow the course sequence. Some of the courses listed may be substituted by another course. Please view these options in the official course catalog.

Semester 1   *6 Units*

✔	COURSE	TITLE	UNIT
☐	CSIS-202	CCNA 1 Computer Networks	3
☐	CSIS-101	Introduction to Computers and Data Processing	3

Semester 2   *9 Units*

✔	COURSE	TITLE	UNIT
☐	CSIS-791	CCNA 2 Routing and Switching Essentials	3
☐	CSIS-592	CCNA 3 Scaling Networks[1]	3
☐	CSIS-201	System Analysis and Design	3

Semester 3   *3 Units*

✔	COURSE	TITLE	UNIT
☐	CSIS-593	CCNA 4 Connecting Networks	3

Notes:

[1] Take second 8 weeks.

Work Experience

Sign up for a special project or internship opportunity. Gain work experience and earn credits.

Career Options

Networking & IT Administration (A, B)
Web Development, Programming (A, B)
Find more careers: msjc.emsicc.com
Required Education: SM: some college; C: Certificate; A: Associate,
B: Bachelor's, M: Master's; D: Doctorate

Financial Aid

Financial aid is determined by the number of credit hours you take in a semester. Maximize your financial aid by taking 12-15 units per semester.

This program map is not a guarantee of course availability or financial aid applicability.