

CYBERSECURITY EMPLOYMENT CONCENTRATION

The employment concentration in Cybersecurity is designed to provide students with the knowledge and skill to gain employment in such Cybersecurity fields such as Security Analyst, Security Specialist and Security Administrator. In addition, the course work prepares students to pass the Cisco Cybersecurity exams to become a certified associate in Security and Cyber Operation.

ECC.CIS.CYB

Program Map

Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (<https://msjc.emsicc.com/?radius=®ion=All%20Regions>) opportunities. Program maps show the recommended course sequence that leads to graduation or transfer. The maps were developed by program experts to give you the skills and knowledge you need to succeed.

- **Starting in Spring?** Choose Fall Semester 1 courses.
- **Are you a part-time student?** Start Fall Semester 1 courses and follow the course sequence.

Fall Semester 1		Units
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-160	Information Security Systems	3
Units		6
Spring Semester 1		
CSIS-164	Cybersecurity: Ethical Hacking	3
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
CSIS-594	Cyber Operations (formerly CSIS-094)	3
Units		9
Total Units		15

Requirements

Course	Title	Credits
Required Courses		
CSIS-160	Information Security Systems	3
CSIS-164	Cybersecurity: Ethical Hacking	3
CSIS-202	CCNA 1 Computer Networks (formerly Networks and Data Communications)	3
CSIS-594	Cyber Operations (formerly CSIS-094)	3
CSIS-791	CCNA 2 Routing and Switching Essentials (formerly CSIS-091)	3
Total Units		15

Career Exploration

Discover information about careers that interest you!

1. Take a **Career Quiz** (<https://msjc.emsicc.com/assessment/>) to learn about yourself and receive career suggestions based on your interests.
2. Search available **in-demand jobs** (<https://msjc.emsicc.com/browse-careers/>) in your career areas of interest and find up-to-date salaries and education requirements.
3. Find the **MSJC Program** (<https://msjc.emsicc.com/browse-programs/>) that connects your interests to a career.

Note: There are no guaranteed positions for students completing these programs. Education and work experience required will vary by employer. The salary and benefits for specific occupations will be dependent on work experience, education, background, and employer.