

SURVEYING EMPLOYMENT CONCENTRATION

The Employment Concentration Certificate in Surveying is designed to prepare students for entry into careers as a Surveying Technician or Geographic Information Systems Technician (Cartographic and Photogrammetric Technicians). The program provides students a basic understanding of surveying equipment, practices and standards so they may seek employment as an entry level technician in a surveying team. Further, it sets a foundation for pursuing additional education and training in pursuit of the California State Land Surveyor in Training (LSIT) professional certification. Field exercises, apprenticeships/internships and practical guidance on projects provide students with real-world practical experience. Students who want to continue their education for greater salary and career advancement may use this program as a stepping stone toward the Associates Degree in Engineering: Drafting Technology and potential transfer of units to 4-year degree programs in Civil Engineering, Surveying or other Engineering programs.

ECC.ENGR.S

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
ENGR-164	Plane Surveying I	3
Units		3
Spring Semester 1		
ENGR-565	Plane Surveying II (formerly ENGR-165)	3
ENGR-566	Legal Aspects of Surveying (formerly ENGR-166)	3
Units		6
Total Units		9

Requirements

Course	Title	Credits
Required Courses		
ENGR-164	Plane Surveying I	3
ENGR-565	Plane Surveying II (formerly ENGR-165)	3
ENGR-566	Legal Aspects of Surveying (formerly ENGR-166)	3
Total Units		9

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.