DRONE APPLICATIONS IN GEOSPATIAL INFORMATION SCIENCE CERTIFICATE

A certificate in Drone Applications in Geospatial Information Science will be issued for the completion of seven courses for a total of 20 units. The Drone Applications in Geospatial Information Science is a unique certificate which introduces students to the use of drones in GIS. Drone technologies aid in the collection, organization, and analyses of layers of information never before possible. Students will develop the unique capabilities that drones provide for the collection of information which helps GIS technicians reveal deeper insights into data, such as patterns, relationships, and real-time situations.

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Program Map
Design Your Future!

Begin by exploring MSJC program maps to find career or transfer (https://msjc.emsicc.com/?radius=&region=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
GEOG-115	Introduction to Geographic Information Science	2
GIS-540	Introduction to sUAS (Drone) Systems	3
GIS-550	Introduction to sUAS (Drone) Systems Use in Remote Sensing [2]	3
	Units	8
Spring Semester 1		
GIS-520	Intermediate Geographic Information Science (formerly GEOG-520)	4
GIS-551	Digital Imaging with sUAS (Drone) Systems I [1]	3
GIS-552	Digital Imaging with sUAS (Drone) Systems II [2]	3
	Units	10
	Total Units	18

[1] Take first 8 weeks.
[2] Take second 8 weeks.

Requirements

Course	Title	Credits
Required Courses		
GEOG-115	Introduction to Geographic Information Science	2
GIS-520	Intermediate Geographic Information Science (formerly GEOG-520)	4
GIS-540	Introduction to sUAS (Drone) Systems	3
GIS-550	Introduction to sUAS (Drone) Systems Use in Remote Sensing	3
GIS-551	Digital Imaging with sUAS (Drone) Systems I	3
GIS-552	Digital Imaging with sUAS (Drone) Systems II	3
Total Units		**18**

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.

Gainful Employment Disclosures: Drone Applications in Geospatial Information Science

Gainful Employment Disclosures – 2025

Program Name DRONE APPLICATIONS IN GEOSPATIAL INFORMATION SCIENCE

This program is designed to be completed in 8 months.
This program will cost $920 if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting, but may have changed.

Of the students who completed this program within normal time, the typical graduate leaves with $0 of debt.

The following States do not have licensure requirements for this profession: California

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: https://collegescorecard.ed.gov/

NOTE:
Cost per unit $46
Nonresident Fees- Tuition: $313
Capital Outlay: $58
Parking Permits cost $90 a year or $45 a semester
RTA Go Pass cost $16 a year or $8 a semester
SGA discount sticker (optional) - $14 a year or $7 a semester
Student representation fee (optional) - $4 a year or $2 a semester
Help a Student Fund (optional) - $4 a year or $2 a semester
Student Health Center Fee - $54 a year or $27 a semester
*For summer session fees and non-CA resident tuition, please see:

https://www.msjc.edu/enroll/what-fees-do-i-have-to-pay.html