

AVIATION SCIENCE, A.S.

This is an Associate of Science Degree in Aviation Science program. The program's goal is to prepare students for a career as a Certified Flight Instructor (CFI). The program's objectives are to prepare each student to meet the Federal Aviation Authority's (FAA) requirements for the aeronautical knowledge for a Certified Flight Instructor. In addition to the completion of 6 core AVIA courses, students must also complete all MSJC General Education Option A requirements for a total of 60 units to earn the Associate of Science degree in Aviation Science.

AS.AVIA

Program Maps

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.

MSJC General Education Option A

Fall Semester 1		Units
AVIA-700	Aviation Orientation	1
AVIA-503	Private Pilot Ground School	5
ENGL-101	College Composition	3
CSCR-116	Integrative Career/Life Planning (formerly GUID-116)	3
PS-101	Introduction to American Government and Politics	3
Units		15

Spring Semester 1		Units
AVIA-500	Aviation Weather	3
AVIA-505	Instrument Rating Ground School	3
MATH-140	Introduction to Statistics ¹	3
ENGL-103	Critical Thinking and Writing	3
GEOG-111	Geography of California	3
Units		15

Fall Semester 2		Units
AVIA-507	Commercial Pilot Ground School	3
COMM-100	Public Speaking	3
GEOG-101	Physical Geography	3
GEOG-104	Physical Geography Lab	1
ART-100	Art Appreciation	3
HIST-104	World History Since 1500	3
Units		16

Spring Semester 2		Units
AVIA-710	Certified Flight Instructor Ground School	3
ANTH-101	Biological Anthropology	3
GEOG-105	Map Interpretation and Spatial Analysis	3

PS/ETHS-103	Ethnic Politics in America	3
PHIL-105	Introduction to Ethics	3
Units		15
Total Units		61

¹ **AREA G (Math Competency) can be demonstrated by a high school math course at or above the level of Algebra 2 with a grade of C or better.**

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Requirements

An Associate Degree in this program requires students to complete MSJC's local General Education, Option A, by fulfilling all general education areas. In addition, students must complete all major requirements and complete an overall total of 60 degree applicable units with a minimum 2.0 GPA.

Course	Title	Credits
MSJC General Education Option A (https://catalog.msjc.edu/degrees-certificates-curricula/general-education-option-a/)		24
Required Aviation Courses		18
Electives (as needed to reach 60 units)		

Course	Title	Credits
Required Courses		
AVIA-500	Aviation Weather	3
AVIA-503	Private Pilot Ground School	5
AVIA-505	Instrument Rating Ground School	3
AVIA-507	Commercial Pilot Ground School	3
AVIA-700	Aviation Orientation	1
AVIA-710	Certified Flight Instructor Ground School	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.