



Mt. San Antonio College

Aircraft Maintenance Technology & Airframe and Powerplant

Enrollment Guide

Aircraft Maintenance Technology (AMT) & Airframe and Powerplant (A&P)

An overview of Mt. SAC's certified Federal Aviation Administration (FAA) programs in Aircraft Maintenance Technology, Airframe and Powerplant

Enrollment Information

Rev. 1/28/2025
Original. 9/2024



“Mt. SAC graduates’ FAA certification test score results are consistently higher than the national average, and in a recent survey, 100% of the responding graduates were employed in the field.”

Welcome



The Aircraft Maintenance Technology program is one of the oldest technology programs at Mt. San Antonio College.

Mt. SAC is certified by the Federal Aviation Administration to train new technicians to enter the industry as general aviation technicians, corporate aircraft technicians, or commercial aircraft technicians.

There are two programs to choose from: a day program that can be completed in 21 months or, for working individuals, an evening program that can be completed in two years. Our faculty and staff consist of professionals experienced in general aviation, rotor craft (helicopters), commercial aviation, and corporate aircraft maintenance.

Students train with state-of-the-art equipment, ensuring the best possible chance for success in the workplace.

The Life of an Aircraft Technician

Do I have have what it takes?

- This career requires that I can comprehend and follow written technical instructions.
- This career requires that maintain a high moral character and always do the right thing.
- This career requires that I be a logical thinker with refined hands-on skills.

What are the benefits?

Most major airlines offer excellent benefit packages such as:

- Medical and dental coverage
- Retirement plans
- Deeply discounted airline travel
- Corporate and private aircraft maintenance salaries are lower and vary greatly from state to state

What is the average salary?

Mechanics start at about \$64,000 per year and regularly earn \$100,000 after five years.

Do I have have what it takes?

This profession is not for the timid or the careless. You will be responsible for repairing large aircraft that will be full of paying passengers. The safety of the flying public is in your hands!

What are the benefits?

The FAA requirements to earn an A&P certificate are:

- You must be 18 or older
- You must be able to read, speak, and understand English fluently
- You must complete all of the Mt SAC core courses, pass all exams, complete all hands-on projects, and be in attendance for a minimum of 1900 hours
- Pass a set of required tests, including oral exams and hands-on practical exams

Location. Location. Location.

The US has more than 15,000 airports, which means certified technicians can find work in any location in the US and even in many foreign countries.

You will be able to choose between working long term at one location, or you can relocate periodically to the city of your choice.





Overview

Program

The course in Aircraft Maintenance is designed to prepare students for testing with the Federal Aviation Administration (FAA) to earn an A&P certificate.

Career Pathways

- Commercial airline maintenance
- Aircraft engine maintenance
- Specialized aircraft accessory maintenance
- Corporate/Business aircraft maintenance
- General aviation/private aircraft
- Avionics installation and maintenance

Educational Options

Certificate

- 41 units (major courses only)

Associate of Science (AS) Degree

- Corporate/Business aircraft maintenance
- General aviation/private aircraft
- Avionics installation and maintenance

Program Delivery Options

- Day Program: 21 months of study (certificate only)*
- Evening Program: 24 months of study (certificate only)*

*An Associate of Science degree will take additional terms to complete.

Program Costs

Enrollment Fee California Residents: \$46/unit
 Nonresident Students: \$362/unit + \$46/unit enrollment fee
 International Students: \$362/unit + \$46/unit enrollment fee

Student Activities Fee \$15

Student Representation Fee \$2

Student Health Fee \$23 {\$17 with CCPG waiver} Fall and Spring
 \$20 {\$15 with CCPG waiver} Winter and Summer

Materials Fee Varies

Parking Fee \$55 (\$30 with CCPG waiver) for Fall and Spring \$25 for Winter and Summer Intersessions

Course Schedule-Certificate Day Program

<p>1st Term: Fall AIRM 70A AIRM 65A</p>	<p>Interession Winter AIRM 71 AIRM 72 Arm 73</p>	<p>2nd Term: Spring AIRM 70B AIRM</p>
<p>1st Term: Fall AIRM 70A AIRM 65A</p>	<p>General Education (GE)* Course (optional)</p>	<p>4th Semester-Fall AIRM 66B</p>

Plan for class meeting for Fall & Spring terms: Monday-Thursday 7:30 am - 3:30 pm & Friday 7:30 am - 1:20 pm

Interession Winter: Monday-Thursday 1 pm - 5:20 pm or M & T 5:30 pm - 6:45 and Wednesday & Thursday 5:30 pm - 10:20 pm

*Associate of Science, AS general education course

Course Schedule-Certificate Evening

<p>1st Term: Fall AIRM 90A AIRM 90B AIRM 91A AIRM 90B</p>	<p>Winter Interession AIRM 70A</p>	<p>2nd Term: Spring AIRM 92A AIRM 92B AIRM 93A AIRM 93B</p>	<p>2nd Term: Spring AIRM 92A AIRM 92B AIRM 93A AIRM 93B</p>
<p>3rd Semester-Fall AIRM 95A AIRM 95B AIRM 96A AIRM 96B</p>	<p>Winter Interession AIRM 72 AIRM 73</p>	<p>4th Semester-Spring AIRM 97A AIRM 97B AIRM 98A AIRM 98B</p>	<p>Summer Interession AIRM 71</p>

Plan for class meeting for Fall & Spring terms: Monday-Friday 5:00 pm- 10:30 pm

View program sequence for current & future terms

www.mtsac.edu/aircraft-maintenance/airm-course-calendar.html



Enrollment Steps for New Students

Step 1: Application to the College. This program is a cohort model that starts each **Fall term**. Students may register for AERO 71 in Winter and every other summer.

Step 2: New Student Orientation (online)

To support your journey at Mt. SAC, complete the online Orientation to learn about Mt. SAC policies, academic programs, and student support services.

Step 3: Assessment Questionnaire (AQ)

To ensure you are taking the right English, math, and reading courses, complete the online Assessment Questionnaire (AQ) for course placement.

Students who have completed English or math college-level courses at another institution submit an official transcript to Admissions & Records.

Step 4: Attend Mandatory Program Admission Orientation & take math exam in Spring semester*

New students are accepted only in the fall semester with the exception, of course, AI RM71 (an entry-level course that can be taken before applying to enter the program) www.mtsac.edu/aircraft-maintenance/



Step 5: Apply for Financial Aid

Step 6: Register for Courses

The following pages will provide information on how to search for open courses, how to register, and other resources to help navigate the Mt. SAC enrollment process.



Application
www.mtsac.edu/admissions/apply-now.html



Orientation & Assessment Questionnaire (AQ)
www.mtsac.edu/course/ling/orientation.html



Financial Aid
www.mtsac.edu/financialaid/

- A math exam will be administered at the program orientation the Spring term only. Review the next page for information on the math exam and how to prepare for it.

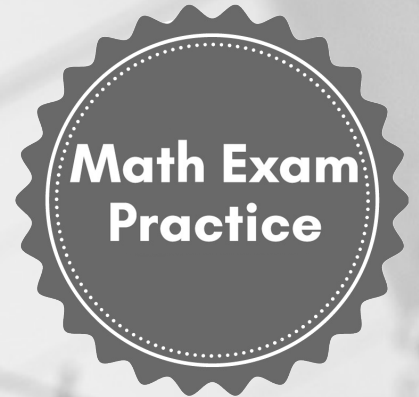
AIRM math exam will include:

- Converting fractions, decimal numbers, and ratios.
Solving single variable algebraic equations. Calculating circumference, area, and volume of geometric shapes such as rectangles, circles, cubes, and cylinders.
- Solving speed, rate, and time problems.
- Solving force, area, and pressure problems.
- Binary numbers.
- Exponents and powers of 10.
- Squares and square roots of numbers.



Pass math exam with a minimum score of 75%

www.mtsac.edu/aircraft-maintenance/pdf/ADA-AIRM-Orientation-Mathematics-Sample-Exam.pdf



Navigating the Student Portal

Mt. SAC Portal
inside.mtsac.edu



Mountie Academic Plan (MAP): a degree audit tool that shows your program of study (major), program progress, GPA, units completed, educational plan, degree templates, etc.



Navigate: is a student-focused appointment and support tool that will help keep you on the path toward academic success and timely graduation.



Student Self-Service: includes registration links, student records, student accounts, personal information, etc.

Student Self Service

Registration

1. Apply for Admission
2. Review Existing Application
3. Select Term
4. Register (Add or Drop) Classes

Student Success: includes orientation, AQ, Mountie Academic Plan (MAP), and tutoring services.

New Student Registration Checklist

Welcome Mountie! We know you are excited to register for classes, but first you must complete the following (click on the arrows for more info):

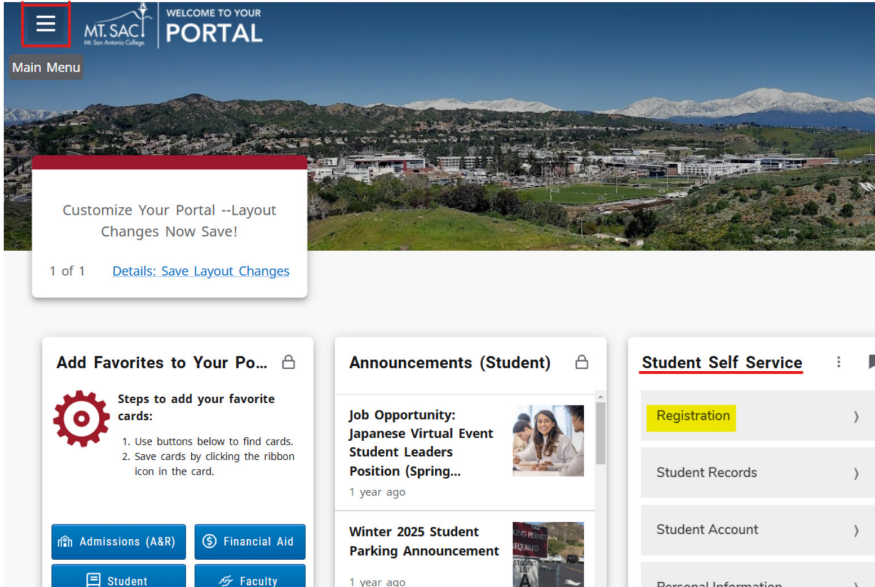
- Mandatory Assessment Questionnaire (AQ)
- Mandatory Online Orientation
- Mountie Academic Plan (MAP) (Optional)
- Attended another college?
- Are you an entering 11th or 12 grade high school student?

Financial Aid: financial aid checklist, student account, personal information, etc.

Canvas: platform to access online (distance learning) courses

Log into Mt. SAC Canvas

How To Register For Classes



1. In your portal, open the menu by clicking on the 3 lines in the top left corner.
2. Select the "Discover" option, and you will see a search option.
3. Type "Student Self Service" into the search, and select the option shown. It will open up a "card"
4. Bookmark this card (top right button) so that it saves on your homepage
5. Click on "Registration" to see the menu options. Select #4 Register (Add or Drop) Classes
6. Select the term you want to register for. You may be asked a couple of brief surey questions, eventually leading to a screen that says "Add or Drop Classes"
7. Read through the information and you will see a section at the bottom that says "Add Classes Worksheet (see below)

Current Schedule

If registered correctly, you should see your courses as "web registered"

Status	Action	CRN	Subj	Crse	Sec	Level	Cred	Grade	Option	Title
Web Registered on Dec 09, 2024	None	42907	ENGL	1C	05	Credit	4.000	Standard	Letter	Grade Critical Thinking and Writing

Total Credit Hours: 4.000
 Billing Hours: 4.000
 Minimum Hours: 0.000
 Maximum Hours: 18.000
 Date: Jan 07, 2025 02:46 pm

Add Classes Worksheet

CRNs ***In the boxes, type in the 5-digit CRN (Course Reference Number), then click "submit changes"***

Student Representation Fee - You have opted out

[[View Holds](#) | [Change Class Options](#) | [Registration Fee Assessment](#) | [View Student Schedule/Receipt](#)]

Once you've succesfully registered for your courses, click on "View student Schedule/Receipt" to see your schedule, important deadlines, and total tuition cost.

COUNSELING DEPARTMENT

Let us Help You Find Your Pathway



- **Career, Personal, and Academic Counseling**
 - Career/Major Exploration
 - Educational Planning
 - Certificate, Degree Completion, and Transfer Preparation
 - Offer skills and advice to help you succeed in the classroom
 - Assistance and referral to academic and student support services
- **Workshops**
 - Mountie Academic Plan (First-Semester Courses) (MAP)
 - Major Exploration
 - Student Success
 - P2 Success and Reinstatement

Ways To Connect With A Counselor:

Appointments:



IN-PERSON



PHONE



ZOOM VIDEO

Quick Questions:



EMAIL-BASED
COUNSELING



IN-PERSON



EXPRESS
ZOOM

Located:
Student Services

1100 N. Grand Avenue Walnut,
CA 91789

909-274-4380

www.mtsac.edu/counseling/



Monday-Thursday: 8 AM to 7:00 PM Friday:
8 AM to 4:30 PM

Hours may vary during the
holidays and intersession