



# **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**

Review of program orientation and enrollment process

Rev. 2/6/2025  
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 what it takes?

- This career requires that I can comprehend and follow written technical instructions.
- This career requires that I 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.

## What are my responsibilities?

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 do I have to do?

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

- 41 units (major courses) *and*
- General Education courses *and*
- Graduation Requirements

## 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

<b>Student Activities Fee</b>	\$15	<b>Student Representation Fee</b>	\$2
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**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><b>1st Term: Fall</b>          AIRM 65A (13 units)          AIRM 70A (3 units)</p>	<p><b>Interession Winter</b>          AIRM 71 (6 units)          AIRM 72 (2 units)</p>	<p><b>2nd Term: Spring</b>          AIRM 65B (13 units)          AIRM 70B (3 units)</p>
<p><b>3rd Semester-Fall</b>          AIRM 66A (13 units)</p>	<p>General Education (GE)*          Course (optional)</p>	<p><b>4th Semester-Fall</b>          AIRM 66B (13 units)</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 [www.mtsac.edu/counseling/ge-sheets/](http://www.mtsac.edu/counseling/ge-sheets/)

## Course Schedule- Certificate Evening

<p><b>1st Term: Fall</b>          AIRM 90A (3 units)          AIRM 90B (3 units)          AIRM 91A (3 units)          AIRM 91B (3 units)</p>	<p><b>Winter Interession</b>          AIRM 70A (3 units)</p>	<p><b>2nd Term: Spring</b>          AIRM 92A (3 units)          AIRM 92B (3 units)          AIRM 93A (3 units)          AIRM 93B (3 units)</p>	<p><b>Summer Interession</b>          AIRM 70B (3 units)</p>
<p><b>3rd Semester-Fall</b>          AIRM 95A (3 units)          AIRM 95B (3 units)          AIRM 96A (3 units)          AIRM 96B (3 units)</p>	<p><b>Winter Interession</b>          AIRM72 (2 units)</p>	<p><b>4th Semester- Spring</b>          AIRM97A (3 units)          AIRM97B (3 units)          AIRM98A (3 units)          AIRM98B (3 units)</p>	<p><b>Summer Interession</b>          AIRM71 (3 units)</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](http://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 the math exam in the Spring semester\***

New students are accepted only in the fall semester with the exception, of course, AIRM71 (an entry-level course that can be taken before applying to enter the program) [mtsac.edu/aircraft-maintenance/](http://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](http://www.mtsac.edu/admissions/apply-now.html)



Orientation & Assessment Questionnaire (AQ)

[www.mtsac.edu/counseling/orientation.html](http://www.mtsac.edu/counseling/orientation.html)



Financial Aid  
[www.mtsac.edu/financialaid/](http://www.mtsac.edu/financialaid/)

**\*A math exam will be administered at the program orientation. Review the next page for information on the math exam and how to prepare for it.**

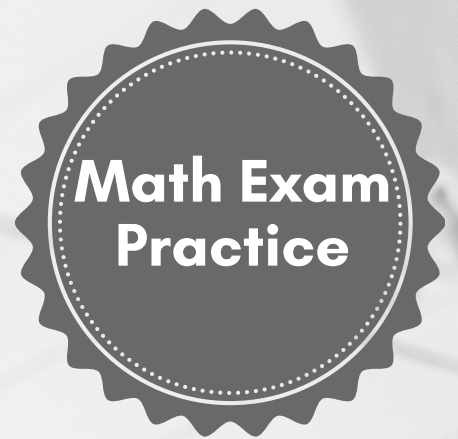
## AIRM math exam will include:

- 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](http://www.mtsac.edu/aircraft-maintenance/pdf/ADA-AIRM-Orientation-Mathematics-Sample-Exam.pdf)



# Navigating the Student Portal

**Mt. SAC Portal**  
**[inside.mtsac.edu](http://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?

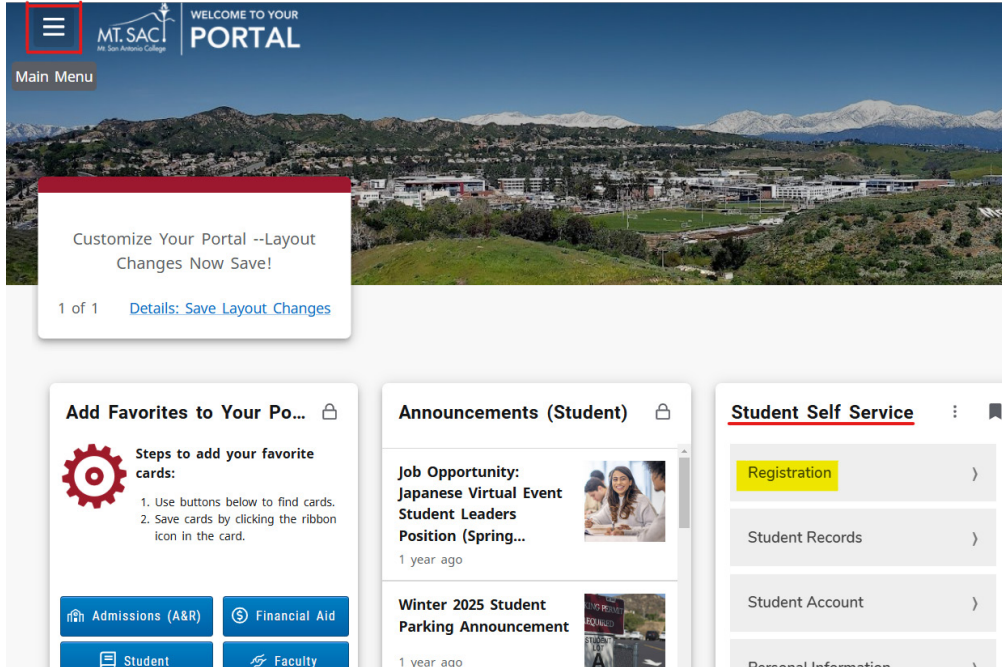
**Financial Aid:** financial aid checklist, student account, personal information, etc.

**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 successfully 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/](http://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