



# **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



*“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

<b>1st Term: Fall</b> AIRM 70A AIRM 65A	<b>Intersession Winter</b> AIRM 71 AIRM 72 AIRM 73	<b>2nd Term: Spring</b> AIRM 70B AIRM
<b>3rd Semester-Fall</b> AIRM 66A	General Education (GE)* Course (optional)	<b>4th Semester-Fall</b> AIRM 66B

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

<b>1st Term: Fall</b> AIRM 90 A AIRM 90 B AIRM 91 A AIRM 90B	<b>Winter Intersession</b> AIRM 70A	<b>2nd Term: Spring</b> AIRM 92A AIRM 92B AIRM 93A AIRM 93B	<b>Summer Intersession</b> AIRM 70B
<b>3rd Semester-Fall</b> AIRM 95A AIRM 95B AIRM 96A AIRM 96B	<b>Winter Intersession</b> AIRM72 AIRM73	<b>4th Semester- Spring</b> AIRM97A AIRM97B AIRM98A AIRM98B	<b>Summer Intersession</b> AIRM71

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 math exam\***  
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/](https://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](https://www.mtsac.edu/admissions/apply-now.html)



Orientation &  
Assessment Questionnaire (AQ)

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



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

[financialaid/](https://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.**

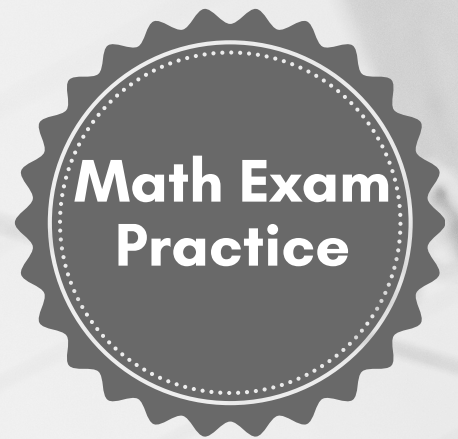
## AIRM math exam will include:

- 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 Add a Course

**STEP 1.** Log on to: *inside.mtsac.edu*

**STEP 2.** You will need to enter your **Username** and your **Password** to login.

**STEP 3.** Once you are in, click on **Student Tab** to display your menu. (B)

**STEP 4.** Click on **Student Self-Service Links option No. 4.** (C)

**STEP 5.** Click on **Select a Term.** (D)

**STEP 6.** Hit submit. (E)

**STEP 7.** Enter the five-digit **Course Reference Number (CRN)** in the area provided for each course you are trying to add (up to 10 classes at one time). (F)

**STEP 8.** Click on **Submit Changes** after you have entered all of your numbers. (G)

**Secure Login**

User Name:

Password:

Login Cancel

Home College Library **Student** Student Su

**Personal Announcements**

[Spring 2015] Online Services to help you this semester  
Student Parking Available in Lot M  
Student Life Weekly Calendar  
Earn a free certificate in Leadership!  
2014 1098T Form Is Now Available

**Campus Announcements**

Phase 1 Perimeter Fence - Student Lot A  
Step Up! Improve Your Fitness  
Bursar's Office closed Friday, March 27, 2015

Mountie Mail+

Mountie Academic

College Library Student **Student Success** Financial Aid eLearning Tools Noncredit

**Student Self Service**

Registration

1. Apply for Admission
2. Review Existing Application
3. Select Term
4. Register (Add or Drop) Classes
5. Change Class Grading Option
6. Week at a Glance
7. Registration Fee Assessment
8. Registration Appointment/Hold
9. Active Registration
10. Registration History
11. Print Your Schedule/Receipt
12. Search for Classes
13. View Your Waitlist

**Student Records**

14. View Assessment/Placement Test Scores
15. View Holds
16. Final Grades
17. Grade Detail
18. View Unofficial Transcript
19. Request Official Transcript

Personal Information **Student** Financial Aid Employee Mailing Address

Search  Go

Registration Term

Select a Term: Spring 2015

Submit

Before attempting to register for a class, check to make sure the class is open (and the wait list is not filled) at the class schedule search ([https://prod00b.mtsac.edu/prod/aw\\_sigched\\_p\\_Search](https://prod00b.mtsac.edu/prod/aw_sigched_p_Search)). **MTSAC's IT Acceptable Use Policy** ([https://www.mtsac.edu/administration/information/acceptable\\_use.html](https://www.mtsac.edu/administration/information/acceptable_use.html)) prohibits intentionally or negligently performing an act through a computer or network to the extent that other users may be denied service. Use of scripts or excessive, repeated unsuccessful registration attempts may result in the placement of a temporary hold on your account.

To add a class, enter the Course Reference Number in the Add Classes section. To drop a class, use the options available in the Action pull-down list.

Without petitioning, students may enroll in up to 18 units each semester and up to 7 units each summer and winter intersession. Students who have a minimum cumulative grade point average of at least 3.0 and have a minimum cumulative grade point average of at least 2.0 may petition for an increase. Students wishing to exceed the maximum number of units allowed must contact the Counseling Office (X-4360).

Term	Good Standing	Probation	Standing
Spring/Fall	18		12
Winter/Summer	7		4

Add Classes Worksheet

CRNs

Submit Changes Class Search Reset

# 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