



# Train for a rewarding career as an Aircraft Mechanic



**SJVC's Aviation Maintenance Technology (AMT) program provides students with the skills and technical knowledge to perform aircraft, airframe and powerplant maintenance and inspections.**

Hands-on training in the hangar includes servicing, troubleshooting and repair of powerplant and airframe systems and components.

2018-2019 Aviation Maintenance Technology grads have gone to work for some of the biggest names in the aviation industry, including:

- AECOM
- SkyWest Airlines
- Columbia Helicopters
- Papillion Helicopters
- Tyonek
- West Air Inc
- IAP
- The Spaceship Company
- Kay & Associates
- PAE
- The Trend Group
- Johnston Aircraft

*As reported by graduates (2019).*



**Training Today for a Better Tomorrow**



## Hands-On Training

### Students Learn:

- Aircraft and airframe repair
- Propeller and engine systems
- Powerplant inspection and maintenance
- Turbine and jet engine systems



### Credentials and Professional Certifications

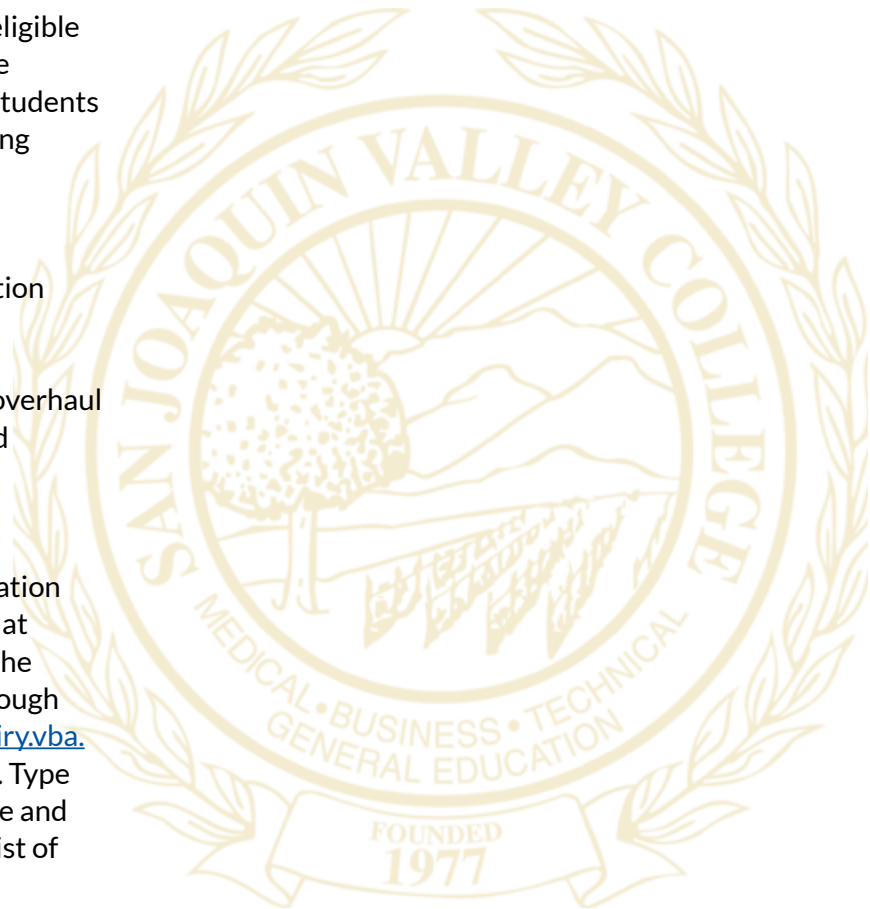
Graduates earn a Certificate of Completion and are eligible to test for an Airframe and Powerplant (A & P) license through the Federal Aviation Administration (FAA). Students may earn an Associate of Science degree by completing courses online or at any SJVC campus.

San Joaquin Valley College's Aviation Maintenance Technology program is approved by the Federal Aviation Administration.

Graduates will be able to diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.

### Veteran's Administration (VA) Benefits

If you believe you are eligible for Veterans Administration (VA) benefits, please contact the Financial Aid Office at your local campus. You may also get information on the SJVC programs that are approved for VA funding through the VA's WEAMS Institution Search tool: <http://inquiry.vba.va.gov/weamspub/buildSearchInstitutionCriteria.do>. Type in San Joaquin Valley College for the Institution Name and then select your campus of interest to see a current list of approved programs.



## Career Opportunities

Aircraft maintenance personnel can work for airlines, commuter and corporate air fleets, and airfreight companies. They can also work in specialized areas such as aviation inspection.

These industry professionals are called upon to perform important job duties:

- Perform safety and preventative checks
- Service, repair and maintain aircraft and parts
- Read blueprints and schematics
- Compute aircraft weight and balance
- Remove and replace major aircraft components

\*Source: Occupational Information Network (O\*Net)

[www.onetonline.org](http://www.onetonline.org)



## Admissions Requirements

- High school diploma or equivalent
- Wonderlic SLE assessment score of 14 or higher
- No felony criminal convictions within the last 10 years

Applicants must have reliable plans for transportation, child care and time to devote to school work outside of scheduled class hours.



## Course Listing\*

### Core Course Requirements

Course ID	Course Name	Credit Units	Credit Hours
AERO 30	Aircraft Basic Science	9.0	256
AERO 31	Basic Electricity and Electronics	9.0	256
AERO 32	Reciprocating Engine Theory and Engine Overhaul	9.0	256
AERO 33	Sheet Metal Structures and Airframe Auxiliary Systems	9.0	256
AERO 34	Turbine Engines	9.0	256
AERO 35	Composite Structures	9.0	256
AERO 36	Propellers and Engine Auxiliary Systems	9.0	256
AERO 37	Aircraft Landing Gear	9.0	256
AERO 51	Professional Licensing Seminar	2.0	96
<b>Certificate Total</b>		<b>74.0</b>	<b>2,144</b>

### General Education Courses

Course ID	Course Name	Credit Units	Credit Hours
ENG 121	Composition and Reading – Part A	3.0	45
ENG 122	Composition and Reading – Part B	3.0	45
MTH 121	College Algebra – Part A	3.0	45
MTH 122	College Algebra – Part B	3.0	45
PHIL 1C	Ethics	3.0	45
PSY 1	General Psychology	3.0	45
SOC 1	Introduction to Sociology	3.0	45
<b>A.S. Degree Total</b>		<b>95.0</b>	<b>2,459</b>

\*Course listings are subject to change. Reference the SJVC College Catalog for the most current program information.

### Institutional Accreditation

San Joaquin Valley College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges, 10 Commercial Blvd., Suite 204, Novato, CA 94949, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at: [www.accjc.org](http://www.accjc.org).

### California State Approval

SJVC is a private institution and is approved to operate as an accredited institution by the California Bureau of Private Postsecondary Education (BPPE). Approval to operate means that SJVC has been found in compliance with the standards set forth in the California Private Postsecondary Education Act of 2009 (as amended) and Title 5, Division 7.5, - Private Postsecondary Education of the California Code of Regulations. As a prospective student, you are encouraged to review the catalog prior to signing an enrollment agreement. You are also encouraged to review the School Performance Fact Sheet, which must be provided to you prior to signing an enrollment agreement.

### Consumer Information

San Joaquin Valley College publishes important consumer information for all programs and campus locations. For comprehensive consumer information, visit <https://www.sjvc.edu/admissions/consumer-information>.

### SJVC Locations

**ATASCADERO**  
805.470.7130

**FRESNO**  
559.448.8282

**LANCASTER**  
661.974.8282

**ONTARIO**  
909.948.7582

**TEMECULA**  
951.296.6015

**VISALIA**  
559.651.2500

**BAKERSFIELD**  
661.834.0126

**HANFORD**  
559.584.8840

**MADERA**  
559.302.2155

**PORTERVILLE**  
559.853.4114

**FRESNO - TRADES  
EDUCATION CENTER**  
559.453.0123

**ONLINE**  
877.367.7582

**DELANO**  
661.778.1145

**HESPERIA**  
760.948.1947

**MODESTO**  
209.542.8800

**RANCHO CORDOVA**  
916.638.7582

Program availability varies by campus location. Please see the catalog for details.

**sjvc.edu**

