



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).





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

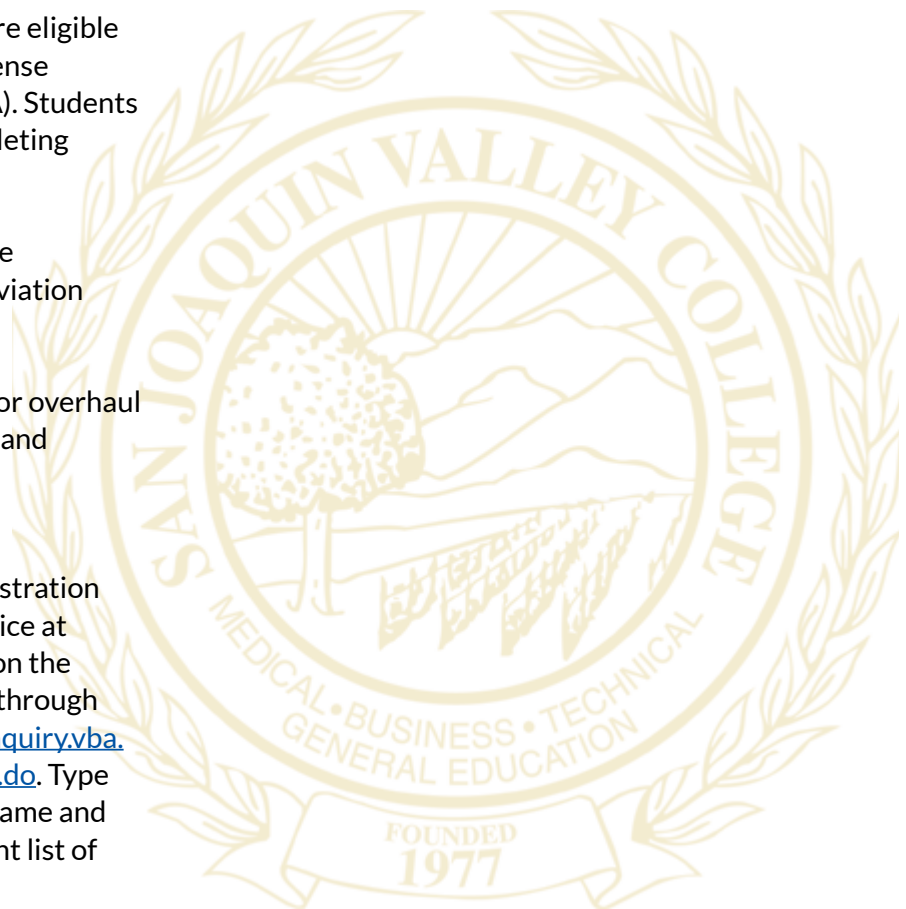
Graduates earn a Certificate of Completion and are eligible to test for an Airframe and Powerplant (A & P) license through the Federal Aviation Administration (FAA). Students may earn an Associate of Science degree by completing courses online or at any SJVC campus.

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



Admissions Requirements

- High school diploma or equivalent
- Wonderlic SLE assessment score of 14 or higher
- Valid CA driver license
- No DUI convictions for the past 3 years
- No felony convictions
- Applicants must be 18 years of age by the end of their first 16 weeks

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 100 | Aircraft Basic Science | 9.0 | 250.0 |
| AERO 110 | Basic Electricity and Electronics | 9.0 | 250.0 |
| AERO 120 | Reciprocating Engine Theory and Engine Overhaul | 9.0 | 250.0 |
| AERO 130 | Sheet Metal Structures & Airframe Auxiliary Systems | 9.0 | 250.0 |
| AERO 140 | Turbine Engines | 9.0 | 250.0 |
| AERO 150 | Composite Structures | 9.0 | 250.0 |
| AERO 160 | Propellers and Engine Auxiliary Systems | 9.0 | 250.0 |
| AERO 170 | Aircraft Landing Gear | 9.0 | 250.0 |
| AERO 200 | Professional Licensing Seminar | 3.0 | 96.0 |
| Certificate Total | | 75.0 | 2096.0 |

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 |
| G.E. Total | | 21.0 | 315.0 |
| A.S. Degree Total | | 96.0 | 2411.0 |

*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 WASC Senior College and University Commission (WSCUC), 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, (510)748-9001 (<https://www.wscuc.org>). The WSCUC is an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

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

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|------------------------------------|---|----------------------------------|------------------------------------|---------------------------------------|---|
| ATASCADERO 805.470.7130 | FRESNO 559.448.8282 | HESPERIA 760.948.1947 | MODESTO 209.542.8800 | RANCHO CORDOVA 916.638.7582 | TEMECULA 951.296.6015 |
| BAKERSFIELD 661.834.0126 | FRESNO - TRADES EDUCATION CENTER 559.453.0123 | LANCASTER 661.974.8282 | ONTARIO 909.948.7582 | RANCHO MIRAGE 442.305.7701 | VISALIA 559.651.2500 |
| DELANO 661.778.1145 | HANFORD 559.584.8840 | MADERA 559.302.2155 | PORTERVILLE 559.853.4114 | SANTA MARIA 805.608.3104 | Program availability varies by campus location. Please see the catalog for details. |