

Course Listing\*

CORE COURSE REQUIREMENTS

COURSE ID	COURSE NAME	CREDIT UNITS	CREDIT HOURS
AMTG 100	Aircraft Basic Mechanics	5.0	120
AMTG 110	Regulations and Inspections	5.0	120
AMTG 120	Aviation Math and Physics	5.0	120
AMTG 130	Fundamentals of Electricity and Ground Operations	5.0	120
AMTA 200	Helicopter and Airframe Essentials	5.0	120
AMTA 210	Metallic Structures	5.0	120
AMTA 220	Aircraft Systems I	5.0	120
AMTA 230	Aircraft Systems II	5.0	120
AMTP 240	Turbine Engines	5.0	120
AMTP 250	Reciprocating Engines	5.0	120
AMTP 260	Aircraft Auxiliary Systems I	5.0	120
AMTP 270	Aircraft Auxiliary Systems II	5.0	120
CERTIFICATE TOTAL		60.0	1,440

Continue Your Education

Graduates of the Aviation Maintenance Technology certificate program who wish to continue their education can pursue an associate degree in Trades Studies.

SJVC's Trades Studies program may be completed in 25 weeks.

The Trades Studies Associate of Science Degree affords excellent opportunities for professional growth and development through instruction in general education coursework designed to produce the competencies of higher education that employers expect of college graduates.

Institutional Accreditation

San Joaquin Valley College is accredited by the WASC Senior College and University Commission (WSCUC), 1080 Marina Village Parkway, Suite 500, 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 [consumerinfo.sjvc.edu](https://consumerinfo.sjvc.edu).

SJVC Locations

<b>ANTELOPE VALLEY (LANCASTER)</b> 661.974.8282	<b>PORTERVILLE</b> 559.853.4114
<b>BAKERSFIELD</b> 661.834.0126	<b>RANCHO CORDOVA</b> 916.638.7582
<b>DELANO</b> 661.778.1145	<b>RANCHO MIRAGE</b> 442.305.7701
<b>FRESNO</b> 559.448.8282	<b>SANTA MARIA</b> 805.608.3104
<b>FRESNO - TRADES EDUCATION CENTER</b> 559.453.0123	<b>TEMECULA</b> 951.296.6015
<b>MODESTO (SALIDA)</b> 209.543.8800	<b>VICTOR VALLEY (HESPERIA)</b> 760.948.1947
<b>ONTARIO</b> 909.948.7582	<b>VISALIA</b> 559.651.2500

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

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

Successful completion of the Career Academy is a graduation requirement. Reference the SJVC College Catalog for more information on graduation requirements for the Certificate of Completion.

READY TO ENROLL?  
GET STARTED HERE:

[sjvc.edu/program/aviation-maintenance-technology/](https://sjvc.edu/program/aviation-maintenance-technology/)

[sjvc.edu](https://sjvc.edu) [in](#) [f](#) [t](#) [v](#)



Train for a rewarding career in

Aviation  
Maintenance  
Technology



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.

2022-2024 Aviation Maintenance Technology grads have gone to work for some of the biggest names in the aviation industry, including:\*

- ACI Jet
- Air Force Test Center (at Edwards Air Force Base)
- Amentum

- ArtCraft Paint
- California Aeronautical University
- FEAM Aero
- Gulfstream Aerospace Corp
- Madera Jet Center
- NIACC Avitech Technologies
- Northrop Grumman
- Papillion Helicopters
- SkyWest Airlines
- Tyonek

\* Reported by graduates as of 3/2024.





## Your trusted source for hands-on training.

SJVC excels at in-person, hands-on learning in classroom environments that will enable you to transition to a career with real-world experience.



### Students Learn:\*

- General aviation concepts, regulations, and safety procedures
- Service, inspect, repair, and troubleshoot airframe structures, engines, and components
- Communication, reasoning, critical thinking, and ethics
- Professional social skills, appearance, and attitudes that employers expect of all SJVC graduates

\*See college catalog for complete student learning outcomes for this program.



At SJVC, we value:

**Integrity**  
**Family**  
**Professionalism**  
**Communication**  
**Diversity**  
**Success**

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

The program is approved by the Federal Aviation Administration and approved by the California State Approving Agency to enroll veterans and other eligible persons. Graduates of this Certificate program can apply their credits toward earning an Associate of Science Degree in Trades Studies by completing courses online.

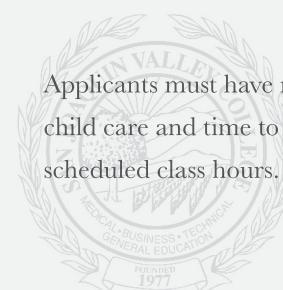
### Veteran's Administration (VA) Benefits

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: <https://inquiry.vba.va.gov/>. 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.

## Admissions Requirements

- ☐ High School diploma or equivalent
- ☐ Wonderlic SLE assessment score of 14 or higher
- ☐ Valid, unexpired Driver's License issued by a U.S. state or U.S. territory
- ☐ 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

See the SJVC College Catalog for additional information on institutional admission requirements.



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

## 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: <https://www.onetonline.org/link/summary/49-3011.00>

SJVC prepares students to take appropriate certification and licensure exams related to their individual majors. The College does not guarantee students will successfully pass these exams or be certified or licensed as a result of completing the program.

### GET MORE INFO ON ENROLLMENT:

[sjvc.edu/program/aviation-maintenance-technology/](https://sjvc.edu/program/aviation-maintenance-technology/)

[sjvc.edu](https://sjvc.edu) [in](#) [f](#) [d](#) [v](#)