

### Course Listing\*

#### CORE COURSE REQUIREMENTS

COURSE ID	COURSE NAME	CREDIT UNITS
MT 101	Power Transmission	5.0
MT 102	Industrial Electricity	10.0
MT 103	Fluid Power	5.0
MT 104	Programmable Logic Controllers	10.0
<b>CERTIFICATE TOTAL</b>		<b>30.0</b>

#### GENERAL EDUCATION REQUIREMENTS

COURSE ID	COURSE NAME	CREDIT UNITS
ENG 121	Composition and Reading – Part A	3.0
ENG 122	Composition and Reading – Part B	3.0
HEA 10	Health and Wellness	3.0
HUMN 125	Intercultural Communication	3.0
MTH 121	College Algebra – Part A	3.0
MTH 122	College Algebra – Part B	3.0
NSC 1	Introduction to the Natural Sciences	3.0
PHIL 1C	Ethics	3.0
PHIL 200	Critical Thinking	3.0
PSY 1	General Psychology	3.0
PSY 200	Team Dynamics	3.0
SOC 1	Introduction to Sociology	3.0
<b>A.S. DEGREE TOTAL</b>		<b>66.0</b>

### SJVC Locations

<b>ATASCADERO</b> 805.470.7130	<b>MODESTO</b> 209.542.8800
<b>BAKERSFIELD</b> 661.834.0126	<b>ONTARIO</b> 909.948.7582
<b>DELANO</b> 661.778.1145	<b>PORTERVILLE</b> 559.853.4114
<b>FRESNO</b> 559.448.8282	<b>RANCHO CORDOVA</b> 916.638.7582
<b>FRESNO - TRADES EDUCATION CENTER</b> 559.453.0123	<b>RANCHO MIRAGE</b> 442.305.7701
<b>HANFORD</b> 559.584.8840	<b>SANTA MARIA</b> 805.608.3104
<b>HESPERIA</b> 760.948.1947	<b>TEMECULA</b> 951.296.6015
<b>LANCASTER</b> 661.974.8282	<b>VISALIA</b> 559.651.25002
<b>MADERA</b> 559.302.2155	

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.

### 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>.

### READY TO ENROLL? GET STARTED HERE:

[www.sjvc.edu/program/maintenance-technician/](http://www.sjvc.edu/program/maintenance-technician/)

[sjvc.edu](http://sjvc.edu)



Train for a rewarding career as a

# Maintenance Technician



SJVC's Maintenance Technician (MTech) program is designed to provide fundamental, hands-on training of industrial systems and equipment.

Students will study and master the basic principles, applications, concepts, and functions of hydraulic systems, bearing and seal types, and power transmission components with an emphasis on performing the following:

- Install & diagnose programmable logic controllers
- Install & maintain valves, actuators, and bearing
- Operate & repair hydraulic and bearing systems



## Your trusted source for hands-on training.

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



### Students Learn:

- Application of basic concepts of electrical theory/motor control
- Operation and maintenance of machinery and components: bearings, gear systems, shaft joining and coupling devices
- Advanced hydraulic maintenance and systems operation
- Programming, installation, and diagnostics on programmable logic controllers (PLCs)
- Computer hardware and software applications
- Communication concepts, critical analysis, and ethical behavior appropriate to interpersonal and professional interactions
- Professional appearance and attitude

At SJVC, we value:

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

## Credential and Professional Certifications

Graduates earn a Certificate of Completion or Associate of Science degree.

Practical instruction is performed with industry standard equipment and software. On the job, you can expect to:

- Install or replace machinery, equipment, and new or replacement parts and instruments, using hand or power tools
- Examine and test machinery, equipment, components, and parts for defects to ensure proper functioning
- Tend and observe equipment and machinery to verify efficient and safe operation

- Adjust, connect, or disconnect wiring, piping, tubing, and other parts, using hand or power tools
- Clean or lubricate vehicles, machinery, equipment, instruments, tools, work areas, and other objects, using hand tools, power tools, and cleaning equipment

Source: <https://www.onetonline.org/link/summary/49-9098.00>

## Admissions Requirements

- High School diploma or equivalent
- Wonderlic SLE assessment score of 12 or higher
- Valid California driver license

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

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

## Career Opportunities\*

With SJVC's hands-on approach to training, graduates are qualified to go right to work in a variety of commercial and manufacturing settings. Examples of job titles are:

- Maintenance Technician
- Repair Technician
- Machine Technician
- Machine Operator
- Maintenance Aide

\*Source: Occupational Information Network (O\*Net) [www.onetonline.org](http://www.onetonline.org)



**GET MORE INFO ON ENROLLMENT:**  
[www.sjvc.edu/program/maintenance-technician/](http://www.sjvc.edu/program/maintenance-technician/)