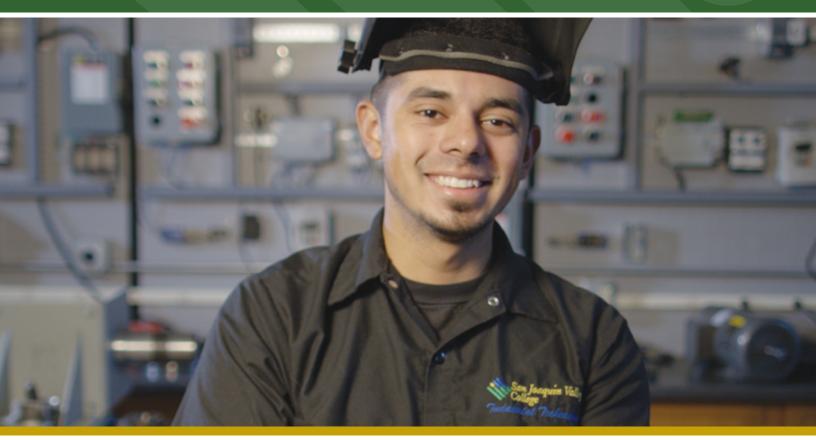
# Train for a hands-on career Maintenance Technician



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 bearings
- Operate & repair hydraulic and bearing systems



**Training Today for a Better Tomorrow** 



# Hands-On Training

### 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

# **Credentials and Common Job Duties**

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

Source: Occupational Information Network (O\*Net) www.onetonline.org

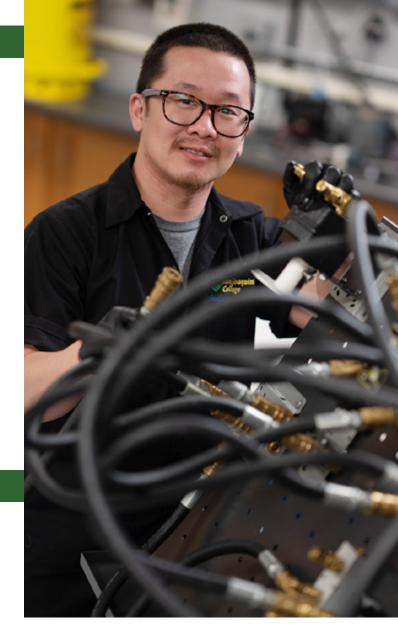


# **Career Information**

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

- Maintenance Technician
- Production Supervisor
- Hydraulic Technician
- Machine Operator
- Plant Electrician

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 California driver license

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







### **Course Listing\***

Certificate Core Course Requirements		
Course ID Course Name		Credit Units
	Power Transmission	5.0
	Industrial Electricity	10.0
	Fluid Power	5.0
MT 104 I	Programmable Logic Controllers	10.0
Certificate Total		30.0
A.S. Degree Core Course Requirements		
Course ID Course Name		Credit Units
MT 101 I	Power Transmission	5.0
MT 102 I	Industrial Electricity	10.0
MT 103 I	Fluid Power	5.0
MT 104 I	Programmable Logic Controllers	10.0
General Education Course Requirements		
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 0	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
PSY1 0	General Psychology	3.0
	Team Dynamics	3.0
	Introduction to Sociology	3.0
A.S. Degree Total		66.0

\*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 <u>https://www.sjvc.edu/admissions/consumerinformation</u>.

### SJVC Locations

ATASCADERO 805.470.7130

BAKERSFIELD 661.834.0126

**DELANO** 661.778.1145

FRESNO 559.448.8282 FRESNO - TRADES EDUCATION CENTER 559.453.0123

HANFORD 559.584.8840

HESPERIA 760.948.1947

LANCASTER 661.974.8282 **MADERA** 559.302.2155

**MODESTO** 209.542.8800

**ONTARIO** 909.948.7582

**PORTERVILLE** 559.853.4114

**RANCHO CORDOVA** 916.638.7582

**RANCHO MIRAGE** 442.305.7701

**SANTA MARIA** 805.608.3104

**TEMECULA** 951.296.6015 VISALIA 559.651.2500

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

sjvc.edu

