Course Listing*

CORE COURSE REQUIREMENTS

COURSE ID	COURSE NAME	CREDIT UN
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
CERTIFICATE TOTAL		

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
A.S. DEGREE TOTAL		TAL	66.0

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

ATASCADERO

805.470.7130	209.542.8800	
BAKERSFIELD 661.834.0126	ONTARIO 909.948.7582	
DELANO 661.778.1145	PORTERVILLE 559.853.4114	
FRESNO 559.448.8282	RANCHO CORDOVA 916.638.7582	
FRESNO - TRADES EDUCATION CENTER 559.453.0123	RANCHO MIRAG 442.305.7701	
HANFORD 559.584.8840	SANTA MARIA 805.608.3104	
HESPERIA 760.948.1947	TEMECULA 951.296.6015	
LANCASTER 661.974.8282	VISALIA 559.651.25002	
MADERA 559.302.2155		
Program availability varies by campus location		

MODESTO

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

Please see the catalog for details.

READY TO ENROLL? GET STARTED HERE:

www.sjvc.edu/program/maintenance-technician/

sjvc.edu in f





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

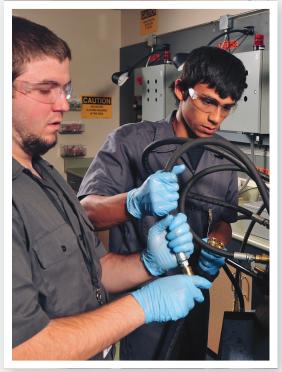


Your trusted source for hands-on training.

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 • Adjust, connect, or disconnect wiring, piping, tubing, 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

- 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 14 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







