

# Industrial Maintenance Technology

Train for a technical career



SJVC's Industrial Maintenance Technology (IMT) 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.

## Students Learn

- Programmable logic controllers
- Motor control devices and wiring
- Fluid power systems
- Valves, actuators and bearing applications

Practical instruction is performed with industry standard equipment and software.

## Professional Certifications

Graduates earn a Certificate of Completion and may continue their education at SJVC to earn an Associate of Science Degree in Technical Studies.

## Career Information

Well-trained technicians can find work in a variety of commercial and manufacturing settings, and perform the following:

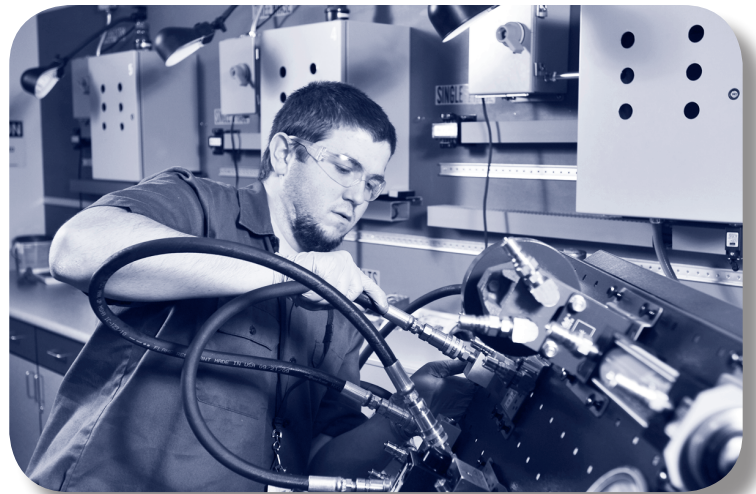
- Install & diagnose programmable logic controllers
- Install & maintain valves, actuators, and bearings
- Operate & repair hydraulic and bearing systems

## Admission Requirements

Admission to the IMT program requires:

- High school diploma or equivalent
- Wonderlic SLE assessment score of 14 or higher
- Valid California driver license
- No felony convictions
- No misdemeanor convictions for property or drug crimes

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



| Course Listing                      |                                      |              |
|-------------------------------------|--------------------------------------|--------------|
| Course ID                           | Course Name                          | Credit Units |
| IT 101                              | Basic Industrial Electricity         | 10.0         |
| IT 110                              | Power Transmission                   | 5.0          |
| IT 120                              | Fluid Power                          | 5.0          |
| IT 201                              | Programmable Logic Controllers       | 10.0         |
| <b>Certificate Completion Total</b> |                                      | <b>30.0</b>  |
| ECON 1                              | Economics                            | 3.0          |
| 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          |
| MGT 104                             | Office Supervision and Organization  | 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          |
| PSY 1                               | General Psychology                   | 3.0          |
| SOC1                                | Introduction to Sociology            | 3.0          |
| SPC 1A                              | Introduction to Public Speaking      | 3.0          |
| <b>A.S. Degree Completion Total</b> |                                      | <b>66.0</b>  |

SJVC classes are offered Monday through Thursday in the morning, afternoon and evening.

| Class Schedule                       |
|--------------------------------------|
| <b>Monday - Thursday</b>             |
| Morning Session:<br>7:15am-12:00pm   |
| Afternoon Session:<br>12:30pm-5:15pm |
| Evening Session:<br>5:30pm-10:15pm   |

NOTE: Sessions vary by program and campus and are subject to seat availability.

Visit [sjvc.edu](http://sjvc.edu) for more information on other program offerings and campus locations.

**Victor Valley Campus (Hesperia)**  
 9331 Mariposa Road, Hesperia, CA 92344  
 866.483.1797

| Consumer Information  |             |             |
|---|-------------|-------------|
|   | Certificate | A.S. Degree |
| Program Length  | 30 weeks    | 60 weeks    |
| Tuition and Fees  | \$17,250    | \$32,950    |
| <i>Data for Graduates on all SJVC Campuses between 7/1/14 and 6/30/15</i> |             |             |
| Graduate Median Loan Debt   |             |             |
| Title IV HEA Loans  | \$9,500     | \$15,000    |
| Private Loans   | \$0         | \$0         |
| Institutional Loans   | \$0         | \$0         |
| On-Time Completion Rate <sup>1</sup>                                      | 92%         | 71%         |
| <i>Data for On-Time Graduates between 1/1/14 and 12/31/14</i>             |             |             |
| SJVC Placement Rate <sup>2</sup>  | 82%         | 85%         |
| Hesperia Placement Rate <sup>3</sup>                                      | N/A         | N/A         |
| Occupations for Graduate Placement Rate <sup>4</sup>                      |             |             |
| Machine Operator (47-2073.00)   |             |             |
| Maintenance Technician (49-9041.00)                                       |             |             |
| Maintenance Mechanic (49-9043.00)   |             |             |

<sup>1</sup>Percentage of graduates who completed the program in the scheduled program length

<sup>2</sup>Graduate Placement Rate as calculated for the State of California. Placed graduates were working in a related field within six months of their graduation date. The calculation is placed graduates divided by eligible graduates. Graduates ineligible for employment were continuing education at an accredited institution, in active military service, incarcerated or deceased.

<sup>3</sup>The placement rate for this campus is unavailable because there were less than 10 on-time graduates in the reporting period.

<sup>4</sup>Visit <http://www.onetcodeconnector.org> and enter the reference number for complete details

#### Institutional Accreditation

San Joaquin Valley College is accredited by the Accrediting Commission for Community and Junior Colleges, Western Association of Schools and Colleges, 10 Commercial Blvd., Suite 204, Novato, CA 94949, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at: [www.accjc.org](http://www.accjc.org)

#### 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 (California Education Code, Title 3, Division 10, Part 59, Chapter 8) and Title 5, Division 7.5 – Private Postsecondary Education of the California Code of Regulations.