

The San Joaquin & Calaveras Counties Electrical JATC will hold classes when the class has met the Minimum of 10 confirmed participants. You will be contacted at the phone number that you provide at the time of enrollment.

Please call the JATC at 209-462-0751 to enroll in one of the classes.

Deposit/Payment will be required prior to beginning class.

Name	In Person/ Online	Cost	Deposit	CE Hours
Basic Computer Skills for Electricians	In Person	\$25	\$100	12
CALCTP	In Person	\$0	\$100	16
Conduit Bending	In Person	\$100	\$100	12
Confined Space	In Person	\$0	\$100	3
CPR/1st Aid	In Person	\$25	\$100	4
Electric Vehicle Charging Systems	In Person	\$0	\$100	12
Electrical Worker Basic Surveying	In Person	\$0	\$100	3
Electrical Worker Qualified Rigger	In Person	\$0	\$100	6
ESAMTAC- Energy Storage & Microgrids	In Person	\$0	\$100	30
Exothermic Welding	In Person	\$0	\$100	3
Fire Alarm	In Person	\$0	\$100	16
Hilti Fire Stop & Powder Actuated Tools	In Person	\$0	\$100	3
Foreman Development Series	In Person	Call NECA	\$0	3
Hazardous Locations	In Person	\$0	\$100	24
Lift Equipment Safety Awareness Training	In Person	\$0	\$100	3
Motor Controls	In Person	\$0	\$100	30
NFPA 70E	In Person	\$0	\$100	6
OSHA 10	In Person	\$0	\$100	10
PLC's	In Person	\$0	\$100	16
Solar Photovoltaic	In Person	\$0	\$100	16
VFD's	In Person	\$0	\$100	16
Welding	In Person	\$100	\$100	30
				CE Hours
Torque	Online	\$60.00	\$0	6
Codeology	Online	\$100.00	\$0	10
Significant Code Changes	Online	\$140.00	\$0	14
VFD's Online	Online	\$160.00	\$0	16
OSHA 30	Online	\$160.00	\$0	30
Distributed Generation	Online	\$120.00	\$0	12
Electric Vehicle Charging Systems	Online	\$120	\$0	12
Harassment in the Workplace	Online	\$0	\$0	2
Blue VOLT ONLINE COURSES	Online	Various	\$0	Various
				CE Hours
IBEW Labor Studies	In Person	\$0	\$0	0
IBEW Construction Stewards	In Person	\$0	\$0	0
IBEW COMET	In Person	\$0	\$0	0
IBEW Code of Excellence	In Person	\$0	\$0	0

The San Joaquin & Calaveras Counties Electrical JATC will hold classes when the class has met the Minimum of 10 confirmed participants. You will be contacted at the phone number that you provide at the time of enrollment.

Please call the JATC at 209-462-0751 to enroll in one of the classes.

Deposit/Payment will be required prior to beginning class.

IN PERSON

- **Basic Computer Skills for Electricians** – will cover the basics of Microsoft Office tools.
- **CALCTP** - covers the proper installation, programming, and maintenance of advanced lighting controls systems. Such systems typically include dimmers, occupancy sensors, photosensors, relay modules, and communication-based control devices.
- **Conduit Bending** - covers the basics of mechanical and hand bending of electrical conduit, and the NEC requirements.
- **Confined Space** - will cover permit and non-permit entry, OSHA requirements, air sampling, ventilation, and retrieval equipment.
- **CPR/First Aid** - certification in emergency response CPR and Basic First Aid. **Foreman call out requirement.**
- **Electric Vehicle Charging Systems** – Preparatory course for Electric Vehicle Infrastructure, will prepare certified electricians to pass the EVITP exam.
- **Electrical Worker Basic Surveying** – will introduce the electrician to common surveying tools and techniques for electrical layout on the jobsite.
- **Electrical Worker Qualified Rigger** - Introduction to best practices for rigging, hoisting, and signaling on electrical jobsites.
- **ESAMTAC** - ESAMTAC is an education/training program and credential that prepares electrical workers for the safe and effective assembly, testing, commissioning, maintenance, repair, retrofitting, and decommissioning of energy storage and microgrid (ESM) systems.
- **Exothermic Welding** - exothermic welding certification class. Designed to teach best practices for exothermic welding (CadWeld) for grounding and bonding.
- **Fire Alarm** – will cover the nomenclature used, the NEC requirements and the installation of equipment.
- **Hilti Firestop & Powder Actuated Tools** - Hilti Firestop practical applications and Certification. Training and proper use of Hilti Powder Actuated tools.
- **Foreman Development Series** - The Foreman’s Development Series, FDS, consists of individual modules where foreman and journeymen have the ability to participate in an interactive learning atmosphere of teaching and discussion focused on industry “best practices”. **Foreman call out requirement.**
- **Hazardous Locations** - Covers the basics of Hazardous locations requirements of the NEC.
- **Lift Equipment Safety Awareness Training** - This class is designed to instruct the safety aspects of lift equipment for competent persons
- **Motor Controls** - Covering basic to advanced motor controls, motor starters, wiring methods, and NEC requirements.
- **NFPA 70E** - Course focus is on NFPA 70E standard for electrical safety in the workplace. Topics include hazard assessment, energized work permits, PPE selection and limitations.
- **OSHA 10/30** - This course will familiarize students with occupational and health hazards related to the construction industry. **OSHA 10 is a Foreman call out requirement.**
- **PLC’s** - This course will focus on basic understanding of wiring and programming of PLC’s and their use in the industry.

- **Solar Photovoltaic** - course is a guide to design, installation, and evaluation of PV systems. This course covers the principles of PV and how to effectively incorporate PV systems into stand-alone or interconnected electrical systems.
- **VFD's** - This course is designed to teach electric motor and electric motor drive operation, installation, and troubleshooting principles.
- **Welding** - This course will expose electricians to the proper techniques of using cutting torches, arc welding in applications used in the electrical industry

ONLINE

- **Torque** - This class will cover torque best practices for electricians to comply with the NEC.
- **Codeology** - Covers the use of the Codeology method to navigate and understand the layout of the NEC.
- Significant Code Changes
- **VFD's** - This course is designed to teach electric motor and electric motor drive operation, installation, and troubleshooting principles.
- **OSHA 30**- This OSHA 30-Hour Construction Training covers a broad spectrum of health and safety workplace topics that will familiarize you with OSHA Construction standards. These topics will include the OSHA Construction Focus Four, identifying common worksite hazards, tool operation and more.
- **Distributed Generation** - This course will introduce and guide the learner through various forms of alternative power sources such as UPS systems, and fuel cells, that may be used for critical loads within a specific environment.
- **Electric Vehicle Charging Systems** - Preparatory course for Electric Vehicle Infrastructure, will prepare certified electricians to pass the EVITP exam.
- **Harassment in the Workplace** - Anti-Harassment Training needs to be retaken every two years.
- **Blue Volt** - NEC and Industry training that is approved to meet the requirements for continuing education in the state of California. Offered in partnership with BLUEVOLT.

IBEW CLASSES (do not count for continuing education)

- **Labor Studies** – covering local union agreement, employee & employer responsibilities, job safety, and labor history. **Foreman call out requirement.**
- **Construction Steward Class** – This course provides working electricians an opportunity to understand the responsibilities of a job site steward, as well as how to assist the Business Manager with building solidarity and professionalism on the job site. Stewards are trained in grievance investigation procedures as well as Code of Excellence principles.
- **COMET** - This training provides the basic knowledge of what unions are all about, i.e., representing all workers in the electrical construction industry and how that enables us to negotiate better wages, benefits and working conditions, while providing signatory contractors the ability to bid projects on a level playing field.
- **Code of Excellence** - The Code of Excellence is a program designed to bring out the best in our members and demonstrate to our customers/employers that IBEW members perform the highest quality and quantity of work; utilize their skills and abilities to the maximum; and exercise safe and productive work practices.

The San Joaquin & Calaveras Counties Electrical JATC will hold classes when the class has met the Minimum of 10 confirmed participants. You will be contacted at the phone number that you provide at the time of enrollment.