



FALL 2018 Continuing Education

Online courses
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started.

- These courses are open to members of IBEW Local 340 working locally and travelers.
- Classes held at the Sacramento Center/JATC, 2836 El Centro Road, unless otherwise noted.
- Courses are filled based upon the order we receive the completed registration.
- Priority is given to those who provide \$25 deposits (per course); refundable upon course completion.
- Complete the registration form and submit to the address shown. Retain a copy for your information.
- You can also enroll online at: www.340jatc.org
- You will be contacted only if the class is already full. For additional information, call 916-646-6688.

Registration Form

1: Fill in your information

Name: _____

Street Address or P.O. Box: _____

City: _____ State: _____ Zip Code: _____

E-mail address: _____ Phone: _____

Last 4 digits of Social Security Number (for recording course completions): _____

2. Check the course(s) requested

Lighting Essentials <ul style="list-style-type: none"> • EE101 Introduction to Lighting Control • EE102 Switching Control • EE103 Fluorescent Dimming • EE201 Daylight Harvesting. 	<input type="checkbox"/> This is a free online course. No course deposit is required. We will send you the internet address upon enrollment. Upon course completion, provide the completion summary page to the Training Center office for entry onto your transcript.	10 hours
Instrumentation Introduction - Module 1 Intro to basic instrumentation topics such as math, science, electrical theory, meters, measurements, vocabulary, and process and instrumentation diagram interpretation. This is prerequisite info in order to be successful in the full, instructor-led course, consisting of Modules 2 and 3. It is not intended to be used a sole preparation for any type of accreditation exam.	<input type="checkbox"/> This is an online course. We will send you the internet address upon enrollment. After passing the course (75%), provide the completion summary page to the Training Center office for entry onto your transcript. & refund of your \$25 deposit.	8 hours
State Certification Test Preparation This is an in-depth preparatory course for electrician's state certification covering basic electrical formulas and an in-depth review of the current National Electrical Code.	<input type="checkbox"/> Sept 4 – Oct 11, Tues/Thurs, 5 – 8 pm	36 hours
Introduction to Industrial Controls NFPA 70E Safety, PPE, Components, Normally Open, Normally Closed, Binary vs Analog, Coils/Contacts, CPT, Line vs Load, Overloads, VFD Basics, Meter Usage. <i>Note: Enrollment cutoff is 3 weeks prior to class date. Insufficient enrollment can lead to class cancellation. Formerly called Electrical Troubleshooting 1.</i>	<input type="checkbox"/> Sept 22 & 29, Saturdays, 7:30 am – 4 pm	16 hours
3-Phase Transformers Refresher Review of 3-phase delta and wye transformers focusing on the primary and secondary hook-up of each transformer. <i>Note: This is one of the courses in Pending Exam series.</i>	<input type="checkbox"/> Sept 25, Tuesday, 5 - 8 pm	3 hours
3-Way & 4-Way Switching Refresher Review of drawing/labeling 3-way and 4-way switch circuits and GFCI's combined with hands-on practice of circuit installation. <i>Note: This is one of the courses in Pending Exam series.</i>	<input type="checkbox"/> Sept 27, Thursday, 5 - 8 pm	3 hours

CPR & First Aid Job-site skills in CPR and First Aid providing 2 year certification.	<input type="checkbox"/> Sept 29, Saturday, 7:30 am – 4 pm	8 hours
OSHA-30 for Construction Industry OSHA Standards, Focus Four Hazards, Personal Protective Equipment, Health Hazards, Stairways/Ladders, and 6 more topics. Participants receive a certified OSHA-30 completion card.	<input type="checkbox"/> Oct 2 – Nov 1, T/Th, 5-8 pm	30 hours
CPR/First Aid Re-Certification Re-certification course for those with 2-year certification.	<input type="checkbox"/> Oct 6, Saturday, 7:30 am – Noon	4 hours
811 Safe Excavation Find out what contractors and construction site workers need to do before and during excavation.	<input type="checkbox"/> Oct 16, Tues, 5 – 7 pm	2 hours
NFPA-99 Standards for Healthcare Facilities Electrical systems operations, dual utility, ATS, UPS, back-up generation	<input type="checkbox"/> Oct 20 & 27, Saturdays, 7:30 am – 4 pm	16 hours
CA Advanced Lighting Controls Certification (CALCTP) How to install lighting controls, lamp/ballast systems, line/low voltage switching controls, dimming controls, occupant sensors, photo-sensors and controllers, demand response controls, etc. <i>Note:</i> This class has a 10-12 hour online prerequisite. Once enrolled, we will contact you to explain how to complete the online course.	<input type="checkbox"/> Oct 29 – 30, Mon & Tues, 7:30 am – 4 pm	16 hours
Electrical Code Update The 2014 NEC became the electrical code for California effective January 1, 2017. This course covers the multiple, major changes that went into effect.	<input type="checkbox"/> Oct 30 – Nov 27, Tues/Thurs, 5 – 8 pm (no class on Thanksgiving, Nov 22)	24 hours
OSHA-10 Certification on 10 different safety topics to convey the knowledge, skills and abilities to identify and mitigate job-site hazards.	<input type="checkbox"/> Nov 10 & 17, Saturdays, 7:30 am – 2 pm	10 hours
Rigging Safe operation of rigging equipment including proper rigging technique, theory, tool selection, and sling angle factor.	<input type="checkbox"/> Nov 17 Saturday, 8 am – 4 pm	8 hours
CALCTP Acceptance Testing Certification Learn how to certify the installation and operation of lighting controls and devices in accordance with the Building Energy Efficiency Standards (Title 24, Parts 1 and 6). <i>Note: Open only to members who are already CALCTP certified.</i>	<input type="checkbox"/> Nov 19 - 21, M/T/W, 7:30 am - 4 pm	24 hours
Ohm's Law Refresher Review of Ohm's Law and calculating voltage, amperage, and resistance in series, parallel or combination circuits. <i>Note: This is one of the courses in Pending Exam series.</i>	<input type="checkbox"/> Nov 20, Tues, 5 – 8 pm	3 hours
Motor Control Refresher Review of drawing and labeling the components of a basic motor control circuit combined with hands-on practice. <i>Note: This is one of the courses in Pending Exam series.</i>	<input type="checkbox"/> Nov 27, Tuesday, 5 - 8 pm	3 hours
Auto Demand Response (ADR) Learn how to install and maintain ADR equipment and communications protocols. <i>Note: Basic computer navigation skills required (copy/cut/paste especially).</i>	<input type="checkbox"/> Nov 28, 29, & 30, Wed – Fri 7:30 am – 4 pm	24 hours
Panel Make-Up & Bonding Refresher "Bonding" vs "grounding" and the importance of proper conductor size, color, and termination. <i>Note: This is one of the courses in Pending Exam series.</i>	<input type="checkbox"/> Dec 6, Thursday, 5 – 8 pm	3 hours
Conduit Bending Refresher Bending 90's, offsets at 30°, 45°, and 60°. 3 & 4 point saddles using the arrow method <i>Note: This is one of the courses in Pending Exam series.</i>	<input type="checkbox"/> Dec 11, Tuesday, 5 – 8 pm	3 hours

Note: Classes are not held on the 1st Wednesday of each month to support attendance at the union meeting.

AutoCad and Welding classes are available through American River College. The JATC Trust will reimburse the cost for tuition and actual book fees (not to exceed \$100) for completing (C or better) the class. The member must submit receipts for tuition and books.

3. Submit this form to:

FALL 2018 Registrations
Sacramento Electrical Training Center/JATC
2836 El Centro Rd
Sacramento, CA 95833 or by fax 916-646-0289