



SPRING 2012 Continuing Education Courses

- These courses are open to members of IBEW Local 340, travelers, and NECA.
- All classes held at the Sacramento Electrical Training Center/JATC, 2836 El Centro Road.
- 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 will be contacted only if the class is already full.
- For additional information, call 916-646-6688 or visit www.340jatc.org

3. Submit this form to:

SPRING 2012 Registrations
Sacramento Elec. Training Ctr.
2836 El Centro Rd
Sacramento, CA 95833
Fax 916-646-0289

Registration Form

1: Fill in your information

Name: _____ Phone: _____

Street Address or P.O. Box: _____

City: _____ State: _____ Zip Code: _____

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

2. Check the course(s) requested

Advanced Lighting Controls Certification How to install lighting control technology, lamp and ballast systems, line voltage and low voltage switching controls, dimming controls, occupant sensors, photo-sensors and controllers, demand response controls, and related technology. Note: This class has a 10-12 hour online prerequisite. Once you have enrolled, we will contact you to explain how to complete the prereq and any performance incentives available to you.	February 13-17, 7:30 am – 4 pm April 9-13, 7:30 am – 4 pm May 7-11 7:30 am – 4 pm	50 hours 50 hours 50 hours
Electric Vehicle Infrastructure Training Program (EVITP) Overview of electric vehicles and charging units, certified electrician's responsibilities, site assessment, load requirements, code/ safety requirements, customer relations, field installation, and certification exam.	Feb 6-16, M/T/W/Th, 5 - 8 pm June 6-8, W/Th/F, 7:30 am – 4 pm	24 hours
PV/Solar Installer Certification How to install solar technology covering the planning, installing, and testing PV systems: PV Systems and Applications, Siting Evaluation, System Sizing, Rack Assembly, Module Mounting, PV Conductors, OCPD, Utility Point-of-Connection, Grounding, and Inverter Wiring.	May 14-17, M -Th, 7:30 am – 4 pm	32 hours
Advanced PV/Solar Installation & Design PV System design considerations, system sizing, installation, commissioning, and interconnection.	Feb 6-22, M & W, 5 – 8 pm	18 hours
Effective Project Planning Project planning by analysis of plans, specs, submittals, take-offs & detailing of blueprints, establishing site elevations, and hands-on training with an actual job for job sequencing and planning.	Mar 5-21, M & W, 5 - 8 pm	18 hours
Blueprint Reading Interpreting specifications, notes, details, sections, and locations.	Apr 9-25, M & W, 5 - 8 pm	
Conduit Bending Various types of bends and tools including concentric bending.	May 1-17, T & Th, 5 - 8 pm	
OSHA-10 Certification on 10 different safety topics to convey the knowledge, skills and abilities to identify and mitigate job-site hazards.	Feb 25 & March 3 (2 Saturdays) 7:30 am – 2 pm	10 hours

OSHA-30 for Construction Industry Introduction to OSHA Standards, Focus Four Hazards, Personal Protective Equipment, Health Hazards, Stairways/Ladders, and 6 more topics. Participants receive a certified OSHA-30 completion card.	Mar 6 – Apr 5, T & Th, 5 - 8 pm	30 hours
Motor Controls Correct installation, connection, and protection of electric motors including safety measures for protection of machine operators, workers and maintenance personnel associated with electrically powered equipment.	Mar 20-Apr 5, T & Th, 6-9 pm	18 hours
Arc Flash Protection (NFPA-70E) Electrical safety-related work practices and maintenance requirements for working on energized systems including Hazard Risk Evaluation, Arc Flash, Approach boundaries, Job Briefing, Permits, and PPE.	April 10, Tues, 5 - 8 pm	3 hours
CPR & First Aid Job-site skills in CPR and First Aid providing 2 year certification.	Feb 11, Sat, 7:30 am–3 pm	7 hours
CPR/First Aid Re-Certification Re-certification course for those with 2-year certification.	April 28, Sat, 7:30 am – 12 pm	4 hours
Drop-in Continuing Education <i>No pre-enrollment required</i>	Jan 4 th , 5-6 pm Feb 1 st , 5-6 pm Mar 7 th , 5-6 pm May 2 nd , 5-6 pm	1 hour 1 hour 1 hour 1 hour
Annual Electrical Trade Show & Exposition <i>No pre-enrollment required</i>	April 4 th , 4-6 pm	2 hours
Level 1 Instrumentation Certification Nationally certified course to install and maintain instrumentation control systems covering symbols, calibration, P&ID, loop drawings, control valves, tubing, pneumatics, smart instruments, controllers.	Jan 23 – Apr 4, M & W, 5 – 8 pm	60 hours
Pending Exam: Math Refresher Basic review of working with and converting fractions & decimals.	March 13, Tuesday, 5 - 8 pm	3 hours
Pending Exam: DC Theory Refresher Review of Ohm's Law and calculating voltage, amperage, and resistance in series, parallel or combination circuits.	March 15, Thursday, 5 - 8 pm	3 hours
Pending Exam: 3-Way & 4-Way Switching Review of drawing and labeling 3-way and 4-way switch circuits combined with hands-on practice of circuit installation.	March 20, Tuesday, 5 - 8 pm	3 hours
Pending Exam: 3-Phase Transformers Review of 3-phase delta and wye transformers focusing on the primary and secondary hook-up of each transformer.	March 22, Thursday, 5 - 8 pm	3 hours
Pending Exam: Motor Control Review of drawing and labeling the components of a basic motor control circuit combined with hands-on practice wiring of a stop-start-jog circuit.	March 27, Tuesday, 5 - 8 pm	3 hours
ELECT 210: DC Theory The 1st course of the Electrician Trainee series <i>Enroll through American River College.</i>	Jan 18 – May 16, M & W, 6 - 8:30 pm	75 hours
ELECT 211: AC Theory The 2nd course of the Electrician Trainee series. <i>Enroll through American River College.</i>	Jan 17 – May 17, T & Th, 6 - 8:30 pm	75 hours
ELECT 220: Conductors 3 rd course in the Electrician Trainee series. <i>Enroll through American River College.</i>	Jan 18 – May 16, M & W, 6 - 8:30 pm	75 hours
ELECT 230: Motors, Generators, & Transformers 5 th course in the Electrician Trainee series. <i>Enroll through American River College.</i>	Jan 18 – May 16, M & W, 6 - 8:30 pm	75 hours
ELECT 280: State Certification Prep Capstone course in the Electrician Trainee series providing in-depth preparation for electrician's state certification covering basic electrical formulas and the NEC. <i>Enroll through American River College.</i>	Jan 17 – Mar 8, T & Th, 5:30-8:30 pm	90 hours
ELECT 280: State Certification Prep Capstone course in the Electrician Trainee series providing an In-depth preparation for electrician's state certification covering basic electrical formulas and the NEC. <i>Enroll through American River College.</i>	Mar 13 – May 10, T & Th, 5:30-8:30pm	90 hours
ELECT 280: State Certification Prep Capstone course in the Electrician Trainee series providing an In-depth preparation for electrician's state certification covering basic electrical formulas and the NEC. <i>Enroll through American River College.</i>	Jan 14 – May 12, Sat, 8 am – 12:30 pm	90 hours

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

Online courses

- Provide state-recognized continuing education at www.340jafc.org and click Online Courses to get started.