



**SAN FRANCISCO JOINT APPRENTICESHIP
AND TRAINING COMMITTEE**

4056 MISSION STREET • SAN FRANCISCO, CA 94112
E-mail: info@sfjatc.com • Website: sfelectricaltraining.com



INSIDE WIREMAN
PHONE (415) 587-2500 • FAX (415) 585-4117

SOUND AND COMMUNICATIONS
PHONE (408) 453-3101 • FAX (408) 453-5822

San Francisco Joint Apprenticeship and Training Committee

Continuing Education

Spring Courses - 2012

Please review the brief descriptions provided and select the courses and times most convenient for you. Complete the Registration Form and return it with the required fees. Please make additional copies if needed.

All courses will be filled on a first come, first served basis*. **You will receive credit ONLY for the hours you attend.** Deposits will be returned to those whose enrollment exceeds the allowable class size. **There will be no refunds to those who are enrolled and do not attend.**

All registrations must be mailed or submitted in person at the JATC office at 4056 Mission Street, Monday through Friday, 9:00 a.m. to 5:00 p.m. **We cannot accept registration or reserve status by telephone or fax.** Related texts and materials will not be sold other than to class attendees.

*These courses are open to **IBEW MEMBERS** with registration preference being granted to those working for Signatory Contributing Contractors in the Unit classification most appropriate to the course. **Apprentices will be allowed to attend IF openings are available. Contact the J.A.T.C. to be placed on the waiting list.**

All classes will be held at the S.F.J.A.T.C. Training Facility at **4056 Mission Street, San Francisco, CA.,** unless otherwise notified. There is some street parking available. **Parking in school or church parking lot is not allowed.** The school is located 5 blocks walking distance from Glen Park Bart Station.

Registration forms on-line @ www.sfelectricaltraining.com

"BRIDGING THE FUTURE THROUGH TRAINING"



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Dear Brothers and Sisters,

It has been tough times for the last 3 years in our Industry and it looks like we are coming back to normal work times. With the Holiday Season here it is time to make our yearly resolutions for the New Year and with 2012 comes the 3-year cycle for our members to have their certification renewed.

Your New Years resolution can be - **I will sign up for classes early, go to class and learn, and send in my 32 hours of Continuing Education paperwork before my license expires.**

With the work picking up the SFJATC has brought in new apprentices. Your job is to help train these individuals so that our Industry grows and we have a work force that can perform the work to the high standards that we expect.

For more information on Journeyman classes and announcements from the SFJATC about apprenticeship please look at our website www.sfelectricaltraining.com

Merry Christmas and Happy New Year.

Stephen M. Powers

Stephen M. Powers
Training Director

OSHA 30 Hour Training.....Course #SP101

Days: Mondays & Wednesday Total Hours for this course: 32 Hours
Time: 4:30 pm to 8:30 pm
Days: Eight (8) Nights
Dates: February 6th, 8th, 13th, 15th, 22nd, 27th, 29th & March 5th
Class Size: 10 Minimum – 40 Maximum
Instructor: Shawn Skaggs

Description: Class will cover thirty-two (32) hours of training. Thirty hours are required by the Occupational Health and Safety Act (OSHA), that apply towards the 30-hour Construction Industry course completion card. The course is comprised of 25 Sections that will cover hazards and safety requirements in the construction trades.

*Course Fee.....\$30.00
*(will be refunded-in-full if all classes are attended).

Advanced Conduit BendingCourse #SP102

Prerequisite: experience on GREENLEE 881 Hydraulic Bender or equivalent.

Days: Tuesdays & Thursdays Total Hours for this course: 15 Hours
Time: 4:30 pm to 7:30 pm
Nights: Five (5) Nights
Dates: February 7th, 9th, 16th, 21st & 23rd
Class Size: 6 Minimum – 12 Maximum
Instructor: Ron Chesnut

Description: Bending 2 ½” EMT thru 4”EMT on the GREENLEE 881 Hydraulic Bender, measuring techniques, matching bends and segment bending.

*Course Fee.....\$40.00
*(will be refunded-in-full if all classes are attended).

Codeology.....Course #SP103

Days: Tuesdays & Thursdays Total Hours for this course: 21 Hours
Time: 4:30 pm to 7:30 pm
Nights: Seven (7) Nights
Dates: February 7th, 9th, 14th, 16th, 21st, 23rd & 28th
Class Size: 5 Minimum – 10 Maximum
Instructor: Gary Clifton

Description: This Course is a thorough review of the use and understanding of the National Electrical Code. **If you are rusty on code, this Course is recommended for the State Certification Exam.**

*Course Fee.....\$40.00
*(will be refunded-in-full if all classes are attended).

Safe Work Practices 70ECourse#SP114

Days: Tuesdays & Thursdays Total Hours for this course: 15 Hours
Time: 4:30 pm to 7:30 pm
Nights: Five (5) Nights
Dates: February 16th, 21st, 23rd, 28th & March 1st
Class Size: 10 Minimum – 20 Maximum
Instructor: Paul Ortiz

Description: Awareness of hazards facing the Electrical Worker working on or near energized Electrical Equipment: Lockout/Tagout, P.P.E., Etc.

Course Fee.....\$40.00
*(will be refunded-in-full if all classes are attended).

Motor Controls.....Course #SP104

Days: Mondays & Wednesdays Total Hours for this course: 18 Hours
Time: 4:30 pm to 7:30 pm
Nights: Six (6) Nights
Dates: March 5th, 7th, 12th, 14th, 19th & 21st
Class Size: 5 Minimum – 10 Maximum
Instructor: Bart Murray

Description: Class will cover motor theory and operation of both AC and DC motors, Article 430 of the NEC, hands-on wiring of single phase and three phase motors, drawing ladder diagrams, wiring diagrams and hands-on control wiring.

*Course Fee.....\$40.00
*(will be refunded-in-full if all classes are attended).

OSHA 30 Hour Training.....Course #SP105

Days: Tuesdays & Thursdays Total Hours for this course: 32 Hours
Time: 4:30 pm to 8:30 pm
Days: Eight (8) Nights
Dates: March 6th, 8th, 13th, 15th, 20th, 22nd, 27th & 29th
Class Size: 10 Minimum – 40 Maximum
Instructor: Pete Chursin

Description: Class will cover thirty-two (32) hours of training. Thirty hours are required by the Occupational Health and Safety Act (OSHA), that apply towards the 30-hour Construction Industry course completion card. The course is comprised of 25 Sections that will cover hazards and safety requirements in the construction trades.

*Course Fee.....\$30.00
*(will be refunded-in-full if all classes are attended).

Estimating/Take-Off Class.....Course #SP106

Days: Mondays & Wednesdays Total Hours for this course: 18 Hours
Time: 4:30 pm to 7:30 pm
Nights: Six (6) Nights
Dates: April 9th, 11th, 16th, 18th, 23rd & 25th
Class Size: 8 Minimum – 15 Maximum
Instructor: Bob Bourdet

DATES CHANGED

Description: This class will cover basic estimating, material take off, labor unit review and specification review. It will teach you how to use the estimate for job management, and will cover both new spaces and tenant improvement projects.

*Course Fee.....\$40.00
*(will be refunded-in-full if all classes are attended).

First Aid/CPR.....Course #SP107

Days: Mondays & Wednesdays Total Hours for this course: 6 Hours
Time: 4:30 pm to 7:30 pm
Nights: Two (2) Nights
Dates: March 19th & 21st
Class Size: 6 Minimum – 12 Maximum
Instructor: Fred Maggiora

Description: Emergency response CPR and Basic First Aid. It can save a life on the jobsite or at home.

Course Fee.....\$30.00

Fire Life Safety Codes.....Course #SP108

Days: Tuesdays & Thursdays Total Hours for this course: 12 Hours
Time: 4:30 pm to 7:30 pm
Nights: Four (4) Nights
Dates: March 20th, 22nd, 27th & 29th
Class Size: 6 Minimum – 12 Maximum
Instructor: Paul Ortiz

Description: This class will help you understand the codes for High Rise Life Safety and how testing is performed.

Course Fee.....**\$30.00**

*(will be refunded-in-full if all classes are attended).

OSHA 30 Hour Training.....Course #SP109

Days: Mondays & Wednesdays Total Hours for this course: 32 Hours
Time: 4:30 pm to 8:30 pm
Days: Eight (8) Nights
Dates: April 2nd, 4th, 9th, 11th, 16th, 18th, 23rd & 25th
Class Size: 10 Minimum – 40 Maximum
Instructor: Shawn Skaggs

Description: Class will cover thirty-two (32) hours of training. Thirty hours are required by the Occupational Health and Safety Act (OSHA), that apply towards the 30-hour Construction Industry course completion card. The course is comprised of 25 Sections that will cover hazards and safety requirements in the construction trades.

*Course Fee.....**\$30.00**

*(will be refunded-in-full if all classes are attended).

Power Quality.....Course #SP110

Days: Mondays & Wednesdays Total Hours for this course: 12 Hours
Time: 4:30 pm to 7:30 pm
Nights: Four (4) Nights
Dates: April 2nd, 4th, 9th & 11th
Class Size: 5 Minimum – 12 Maximum
Instructor: Bill Weindorf

Description: How to use digital multimeters and Fluke 43B Power Quality Meter to diagnose power quality problems. Voltage drop, voltage transients, Power Factor, Harmonics, Current Inrush and Average -vs- True RMS meters.

*Course Fee.....**\$40.00**

*(will be refunded-in-full if all classes are attended).

Foreman Development Training.....Course #SP115

Days: Tuesdays & Thursdays Total Hours for this course: 30 Hours
Time: 4:30 pm to 7:00 pm
Nights: Ten (10) Nights
Dates: April 3rd, 5th, 10th, 12th, 17th, 19th, 24th, 26th, May 1st & 3rd
Class Size: 10 Minimum – 20 Maximum
Instructor: John Gallagher

Description: Class will cover all aspects of being a Foreman in the Electrical Industry. How to put a job together, dealing with manpower, order material, etc. Organizational skills, communication skills & attitude will all increase after this class.

*Course Fee.....**\$40.00**

*(will be refunded-in-full if all classes are attended).

Advanced Conduit BendingCourse #SP111

Prerequisite: experience on GREENLEE 881 Hydraulic Bender or equivalent.

Days: Tuesdays & Thursdays Total Hours for this course: 15 Hours
Time: 4:30 pm to 7:30 pm
Nights: Five (5) Nights
Dates: April 10th, 12th, 17th, 19th & 24th
Class Size: 6 Minimum – 12 Maximum
Instructor: Ron Chesnut

Description: Bending 2 ½” EMT thru 4”EMT on the GREENLEE 881 Hydraulic Bender, measuring techniques, matching bends and segment bending.

*Course Fee.....\$40.00

*(will be refunded-in-full if all classes are attended).

Changes to the 2008 NECCourse #SP112

Days: Mondays & Wednesdays Total Hours for this course: 15 Hours
Time: 4:30 pm to 7:30 pm
Nights: Five (5) Nights
Dates: May 7th, 9th, 14th, 16th & 21st
Class Size: 6 Minimum – 18 Maximum
Instructor: David Green

Description: This course will review the most important changes of the 2008 NEC.

*Course Fee.....\$40.00

*(will be refunded-in-full if all classes are attended).

First Aid/CPR.....Course #SP113

Days: Tuesdays & Thursdays Total Hours for this course: 6 Hours
Time: 4:30 pm to 7:30 pm
Nights: Two (2) Nights
Dates: May 8th & 10th
Class Size: 6 Minimum – 12 Maximum
Instructor: Fred Maggiora

Description: Emergency response CPR and Basic First Aid. It can save a life on the jobsite or at home.

Course Fee.....\$30.00

SPRING 2012 CONTINUING EDUCATION COURSES

<u>Advanced Conduit Bending</u>	15 Hours
<u>Changes to the 2008 NEC</u>	15 Hours
<u>Codeology</u>	21 Hours
<u>Estimating/Take Off Class</u>	18 Hours
<u>Fire Life Safety Codes</u>	12 Hours
<u>First Aid/CPR</u>	6 Hours
<u>Foreman Development Training</u>	30 Hours
<u>Motor Controls</u>	18 Hours
<u>OSHA 30 Hour Training</u>	32 Hours
<u>Power Quality</u>	12 Hours
<u>Safe Work Practices 70E</u>	15 Hours

REGISTRATION FORM

Spring 2012 Courses

Complete and forward this Registration Form with your check or money order ONLY made
(Sorry, we can not accept CASH PAYMENTS)

payable to: **S. F. J. A. T. C.**
4056 Mission Street ~ San Francisco, CA 94112

(No fax or telephone orders accepted.)

Name: _____
(Please Print Clearly)

Address: _____

City/State/Zip: _____

Telephone Number: (____) _____ E-Mail Address: _____

IBEW Card: _____ (Mandatory for registration) Social Security #: _____ (Last 4 digits)

Current Employer: _____

(Check one: Inside Wireman Sound & Comm. Marine Other _____)

Course Name: _____ Course Number: _____

Please send a SEPARATE Registration form and CHECK for EACH class. (Make copies if needed.)

Today's Date: _____ Course Fee:\$ _____

New - 2008 NEC = \$67.34.....\$ _____

NFPA 70E = \$49.00.....\$ _____

NFPA 72 Fire Alarm = \$71.18.....\$ _____

TOTAL Enclosed.....\$ _____

*****You will receive a call ONLY if class is cancelled*****

Office Use Only

Check Number: _____ Money Order Number: _____

Date Received: _____ Enrolled: _____

There will be no refunds to those who are enrolled and do not attend.

SPRING 2012

California Advanced Lighting Controls Class

The new Advanced Lighting Controls Class will consist of a ten to fifteen hour online pre-requisite and fifty mandatory hours of classroom time. There will be an orientation one week before class starts to go over all the requirements. This is a new class that is required by PG&E to do lighting in our buildings across San Francisco and the State of California. The class will be 12 nights, 4:30pm to 8:30pm, plus orientation. We can only take 16 wiremen at a time for this class and we will have a waiting list. The class will consist of lecture and a tremendous amount of hands on work (labs). At the conclusion of the class there will be a written test that will have to be taken and passed by the student to become certified in Advanced Lighting Controls. All hours related to this class can also be used for your required 32 hours for California Electrical Certification.

You must be an IBEW Journeyman & have a current legal California Electrical Certification License.

You must attend all classes and pass the comprehensive final exam in order to be eligible for the completion certificate. If you have any questions please call.

Stephen M. Powers
Training Director SFJATC

California Advanced Lighting Controls Training Program Class Schedule

1) **Course# CAL100**

Orientation: February 21, 2012 (4:30pm – 6:30pm)
Class Schedule: March 5th, 6th, 7th, 8th, 12th, 13th, 14th, 15th, 19th,
20th, 21st & 22nd
Class Time: 4:30pm – 8:30pm

2) **Course# CAL101**

Orientation: March 20, 2012 (4:30pm – 6:30pm)
Class Schedule: April 2nd, 3rd, 4th, 5th, 9th, 10th, 11th, 12th, 16th,
17th, 18th & 19th
Class Time: 4:30pm – 8:30pm

3) **Course# CAL102**

Orientation: April 17, 2012 (4:30pm – 6:30pm)
Class Schedule: May 7th, 8th, 9th, 10th, 14th, 15th, 16th, 17th,
21st, 22nd, 23rd & 24th
Class Time: 4:30pm – 8:30pm

*Course Fee.....**\$40.00**

*(will be refunded-in-full if all classes are attended).

California Advanced Lighting Controls Training Program

Section 1.2. Pre-requisites

Because the lecture and lab work moves along at a challenging pace it is necessary that all participants are equally prepared prior to enrollment. In establishing the policy, the CALCTP Board was concerned about unprepared students slowing down the pace of the class and impacting the quality of instruction. The prerequisite studies are on the Lighting Controls Association website—online program and are modules EE101, EE102, EE103, EE201 (Approximately 12 hours). These courses can be found at: http://www.aboutlightingcontrols.org/Education_Express/accr_orgs.php. For CALCTP enrollment, participants must present a certificate of completion for online study before beginning the CALCTP course.

Section 1.3: Admissions:

Participants must demonstrate proof of eligibility by bringing a certificate of prerequisite coursework completion found at: www.aboutlightingcontrols.com.

Participants must also provide their California State Certified General Electrician Certification number.

Section 2.1. Enrollment Forms and Required Information

- **All participants must provide their California State Certified General Electrician Certificate number at the time of enrollment.**

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## *California Advanced Lighting Controls Training Program Registration Form – SPRING 2012*

S. F. J. A. T. C.  
4056 Mission Street  
San Francisco, CA 94112  
(415) 587-2500 ~ Fax: (415) 585-4117

Name: \_\_\_\_\_  
(Please Print Clearly)

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Telephone Number: (\_\_\_\_) \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

IBEW Card: \_\_\_\_\_ (Mandatory for registration) Social Security #: \_\_\_\_\_ (Last 4 digits)

California State Electrician Certification Number: \_\_\_\_\_

Current Employer: \_\_\_\_\_

(Check one:  Inside Wireman  Sound & Comm.  Marine  Other \_\_\_\_\_)

Course Name: \_\_\_\_\_ Course Number: \_\_\_\_\_

**Must have & show proof of when enrolled in course.**

**\*\*\*You will receive a call ONLY if class is cancelled\*\*\***