

## Installer/Technician Upgrade Classes

NorCal S&C JATC has the following classes scheduled for Installer/Technicians during the Spring of 2010:

- **CFOT:** Certified Fiber Optic Technician is a complete training program covering the basics of fiber optics and hands on experience of terminating fiber optic cable. At the end of this course, the student will receive a certificate of completion with a passing grade on the CFOT test. This course also would apply 18 hours toward the 32 hours needed for VDV re-certification.
- **VDV Exam Prep:** This course is designed to prepare the student for taking the California State VDV Exam.
- **Basic DC Theory:** This course blends a traditional classroom with home study. The student is only required to attend 4 class sessions throughout the 8 week course. Students will turn in assignments via email, fax, or other means.

Class Session 1 – Orientation/Lecture

Class Session 2 – Lecture/Lab/Quiz

Class Session 3 – Lecture/Lab/Quiz

Class Session 4 – Review/Final Exam

At the end of this course the student will be able to:

- Define how electricity flows
- Calculate voltage, current, and resistance in series and parallel circuits using Ohm's Law
- Measure voltage, current, and resistance using a digital multi-meter

The state certification exams include Ohm's law questions along with how to properly measure current and voltage questions. This class will help in understanding and getting those questions correct along with benefiting the student in their everyday work activities. This course is equal to 32 hours of continuing education and would apply towards both the VDV and Fire/Life Safety re-certifications.

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## **Information**

### **Registration Fees:**

No registration fee is required.

### **Books:**

Textbooks will be loaned out for the duration of the course. If the student feels that they would like to purchase the textbooks for reference material, they may request a book order form which includes the prices and information on how to order. The student will be monetarily responsible for the safe keeping of the loaner textbooks.

### **How to Register:**

1. Call NorCal S&C JATC at (408) 453-3101 ex. 1822
2. Give the class Name and Date
3. NorCal will enroll you in the course (be prepared to give the last four digits of your social security number for enrollment)

### **Cancellation:**

If you need to cancel, please notify NorCal S&C JATC as soon as possible so we can make room for another individual.

Course- The course may be cancelled if the minimum number of students is not met five (5) business days prior to the start of the course. Students registered for a course that needs to be cancelled, will be notified in advance by phone.

### **Completion:**

All courses require that the student attend the entire course. Students who miss hours can still attend but will not be considered as successfully completing. Students who successfully complete will receive their certifications around 3 to 6 weeks after the end of the course.

## **Locations**

### **Alameda County Electrical Training Center**

3033 Alvarado Street (Local #595)  
San Leandro, CA 94577

### **San Francisco Electrical Training Facility**

4056 Mission Street (Local #6)  
San Francisco, CA 94112

### **Fresno Area Electrical Training Center**

5420 East Hedges Avenue (Local #100)  
Fresno, CA 93727

### **Santa Clara County JATC** (Local #332)

908 Bern Court  
San Jose, CA 95112

### **Sacramento Area Electrical Training Center**

2836 El Centro Road (Local #340)  
Sacramento, CA 95833

### **Santa Rosa Electrical Training Center**

1700 Corby Avenue, Suite F (Local #551)  
Santa Rosa, CA 95407

### **San Mateo JATC** (Local #617)

625 Industrial Road  
San Carlos, CA 94070

### **Tri-County Electrical JATC** (Local #234)

10300 Merritt St.  
Castroville, CA 95012

**CFOT**

| EJATC  | Date 1 | Date 2 | Date 3 | Date 4 | Date 5 | Date 6 | Times         |
|--------|--------|--------|--------|--------|--------|--------|---------------|
| LU 234 | 3/20   | 3/27   | 4/10   | NA     | NA     | NA     | 8am-2:30pm    |
| LU 332 | 4/13   | 4/15   | 4/20   | 4/22   | 4/27   | 4/29   | 5:30pm-8:30pm |
| LU 6   | 5/3    | 5/6    | 5/10   | 5/13   | 5/17   | 5/20   | 5:30pm-8:30pm |

18 hours of instruction

Max Students: 16

Min. Students: 8

**VDV Exam Prep**

| EJATC  | Date 1 | Date 2 |  |  |  |  | Times         |
|--------|--------|--------|--|--|--|--|---------------|
| LU 6   | 3/22   | 3/24   |  |  |  |  | 5:30pm-8:30pm |
| LU 332 | 3/30   | 4/1    |  |  |  |  | 5:30pm-8:30pm |
| LU 595 | 4/6    | 4/8    |  |  |  |  | 5:30pm-8:30pm |
| LU 340 | 4/12   | 4/14   |  |  |  |  | 5pm-8pm       |

6 hours of instruction

Max Students: 20

Min. Students: 8

**DC Theory (Blended Learning)**

| EJATC  | Date 1 | Date 2 | Date 3 | Date 4 |  |  | Times   |
|--------|--------|--------|--------|--------|--|--|---------|
| LU 332 | 3/22   | 4/19   | 5/10   | 5/12   |  |  | 5pm-8pm |
| LU 595 | 3/23   | 4/20   | 5/11   | 5/13   |  |  | 5pm-8pm |
| LU 340 | 3/29   | 4/26   | 5/17   | 5/19   |  |  | 5pm-8pm |

12 class hours

+20 hours self study

32 hours Total

Max Students: 20

Min. Students: 8

**To register or for more information call NorCal at:  
408-453-3101 ext. 1822**

Ken Miller  
Regional Training Director

3/4/10