

Air Conditioning and Refrigeration
JOINT JOURNEYMEN AND APPRENTICE TRAINING COMMITTEE

2220 South Hill Street
Los Angeles, CA 90007

2009-2010 SCHOOL YEAR

Electrical Theory – Concepts of electrical principles used in AC and refrigeration are explored; to include meters, circuits, contactors, relays, thermostats, pressure switches, motors, overloads, circuitry and troubleshooting. Safe electrical practices are stressed.

Class size limit: 25

Mechanical Systems – The design, assembly and operation of compression systems to include basic liquid and vapor control, metering devices, design and construction of system piping, including techniques of leak detection, dehydration of systems, charging methods, recovery and troubleshooting will be mastered. This course will cover structured troubleshooting techniques for the refrigeration cycle and controls systems in HVAC systems. These structured techniques will allow a mechanic to troubleshoot a mechanical system with improved speed and efficiency.

Class size limit: 15

Electrical Controls - Will use a sequential approach to exploring basic series and parallel circuits related to A/C and refrigeration. Motors, relays, contactors, thermostats, pressure switches and overloads are examined and wired. The concluding projects are basic A/C and Refrigeration systems. Special emphasis will be placed on electrical circuits diagnosis and troubleshooting.

Class size limit: 12

SAN DIEGO TRAINING CENTER

6225 Federal Blvd
San Diego CA 92114

All classes are held from 6-9 p.m.

<u>COURSE</u>	<u>INSTRUCTOR</u>	<u>DAY</u>	<u>DATES</u>
Electrical Theory	Mueller	Mondays	9/14/09 – 1/25/10
Mechanical Systems	Arango	Tuesdays	9/8/09 – 6/8/10
Electrical Controls	Stielau	Wednesdays	9/9/09 – 6/9/10
Electrical Theory	Mueller	Mondays	2/1/10 – 6/14/10

Enrollment is based on a space available basis, first come first served. The Training Center reserves the right to cancel classes due to lack of enrollment.

Questions? Call the Los Angeles Training Center (213) 747-0291.

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ENROLLMENT FORM

Enrollment will be on first come first served basis. Registration deadline is August 28th.

Name _____ Last four digits of SS# _____

Address _____ City _____ Zip _____

Home Phone _____ Cell _____ Contractor _____

Sign up for class by indicating your choice below:

(If you would like to take two classes, please indicate that on the form.)

1st choice _____
Course Day Dates

2nd choice _____
Course Day Dates

RETURN FORM BY MAIL TO:

**JJATC
2220 S Hill Street
Los Angeles CA 90007**

OR BY FAX TO:

**JJATC
(213) 747-5669**

You will be mailed a notice once you are enrolled in the class. If you have any questions you may call the Training Center office at (213) 747-0291.