



# Wiring Motors & Air Conditioners

On-Line Electrical – 8 hours

**COST: \$99.00**

*Successful completion of this course results in an ABC certificate and is accepted as Continuing Education towards renewal of a California electrical license.*

**TO REGISTER:** Call or email Continuing Education at (858) 513-4700 or [continuinged@abcsd.org](mailto:continuinged@abcsd.org).

**Payment:** Your tuition will be covered in full if you qualify with Training Funds; otherwise, a credit card will be required for the full tuition.

## **COURSE DESCRIPTION:**

In Wiring Motors and Air Conditioners, you'll learn how to size circuits used to supply power to two or more motors. You'll also learn about air conditioning systems involving hermetic refrigerant motor-compressors and how to compare electrical circuit sizing requirements between motors in Code articles 440 and 430. Then, you'll practice all steps needed to accurately perform motor feeder circuit and air-conditioner circuit calculations.

## **Recommended Prerequisite for Journeymen:**

This course requires strong familiarity with the NEC and on-the-job experience of at least two years.

## **IMPORTANT TO NOTE:**

- Students must pass the final exam to earn credit for this course.
- All course hours must be completed within 90 days of purchase to receive credit.
- Review the System Requirements below BEFORE you enroll in this class, to make sure your computer is compatible.

## **MINIMUM SYSTEMS REQUIREMENTS:**

- Supported Operating Systems: Desktop or Laptop Running Windows XP and later or running Mac OS X and later
- Latest version of Adobe Flash Player installed. Download latest version at: <https://get.adobe.com/flashplayer/>
- DSL connection or higher
- REQUIRED BROWSER SUPPORT: Internet Explorer 9 and later, Google Chrome 17.0 and later or Safari 5.1 and later
- MOBILE DEVICE SUPPORT: Tablets with IOS 7 or later and Android 4.2.2 or later.
- ***Self-paced courses are not officially supported on smartphones of any kind.***

**CANCELLATION POLICY:** No refunds or transfers

**TUITION COVERED & Class not completed:** Full tuition will be deducted from any remaining Training Funds.

**QUESTIONS?** Please call (858) 513-4700 and ask for Continuing Education (x206).