



Faultless

On-Line Electrical – 16 hours

COST: \$189.00

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.

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 this course, you will learn how to coordinate information in specific NEC articles, so you can properly select and install the correct electrical circuit components and conductors needed for different load and circuit configurations. Knowing how to coordinate electrical circuit ampacity factors for any planned electrical installation will help you on jobs like: Design-build projects, Tenant improvements and Unplanned electrical equipment changes.

One of the intentions of this course is to debunk some of the incorrect thinking that has been applied to conductor installations – like applying a generalized circuit sizing approach like... “a 10 AWG copper conductor is good for 30 Amps”.

Don't be the electrician who thinks he gets it but makes costly mistakes. Pay close attention during this course and you can be the electrician who “really gets it” when it comes to the complex process of coordinating conductor properties and circuit ampacity for electrical installations.

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.
- A 2014 NEC book is required for this course (and not provided or included in the tuition).
- Review the Self-Paced System Requirements BEFORE you enroll in this class, to make sure your computer is compatible.
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Recommended Prerequisites for Journeymen: Take Sizing Motor Circuits first and have experience with and know how to use the NEC and have 1+ years on-the-job experience.

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).