

ONLINE ELECTRICAL CLASSES

FAULTLESS

16-Hours

COST & PAYMENT

\$199

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

REGISTER NOW

Call or email Construction Education at [\(858\) 513-4700](tel:8585134700) or ce@abcasd.org.

Questions?

Call [\(858\) 513-4700](tel:8585134700), select option 5

CANCELLATION POLICY

No refunds or transfers.

TUITION COVERAGE POLICY

In the event of non-completion, full tuition will be deducted from any remaining Training Funds.

IMPORTANT NOTES

- A **2020 NEC (70) book is required** for this course (not provided or included in tuition).
- 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 **BEFORE** enrolling in this class, to make sure your computer is compatible.

JOURNEYMEN PREREQUISITES

Take *Sizing Motor Circuits* first, have experience with and know how to use the NEC, and have at least 1 year on-the-job experience.



ABOUT THE COURSE

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

In this course, you'll learn how to coordinate information in specific NEC articles to select and install electrical circuit components and conductors needed for various load and circuit configurations. Coordinating electrical circuit ampacity factors for any installation will help you on jobs like: design-build projects, tenant improvements, and unplanned electrical equipment changes.

This course also aims to debunk common misconceptions in conductor installations, like applying a generalized circuit sizing approach such as 'a 10 AWG copper conductor is good for 30 Amps'.

Ensure your installations are safe and effective by mastering the complex coordination of conductor properties and circuit ampacity—essential knowledge for every professional electrician.

SYSTEM REQUIREMENTS

- DSL connection or higher; Javascript must be enabled
- REQUIRED BROWSER SUPPORT (Latest Versions):**
- Microsoft Edge, Google Chrome, Firefox, or Safari
 - You may need to turn off your browser's pop-up blocker or add [Home | eCampus](#) to your browser's trusted websites.

SCREEN READER SUPPORT (Latest Versions):

- JAWS, NVDA, VoiceOver, TalkBack

MOBILE DEVICE SUPPORT:*

*Students may take this course on a mobile device. ABC cannot guarantee course functionality and compatibility with all mobile devices. Having access to a traditional computer as backup is recommended. ABC cannot provide technical support.

- Tablets or phones with:
 - Safari or Google Chrome in iOS 7 or later
 - Google Chrome in Android OS 6 or later