

ONLINE ELECTRICAL CLASSES

PERFECT SIZING

32-Hours

COST & PAYMENT

\$289

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:(858)513-4700) or ce@abcsd.org.

Questions? Call [\(858\) 513-4700](tel:(858)513-4700), option 5

CANCELLATION POLICY

No refunds or transfers.

TUITION COVERAGE POLICY

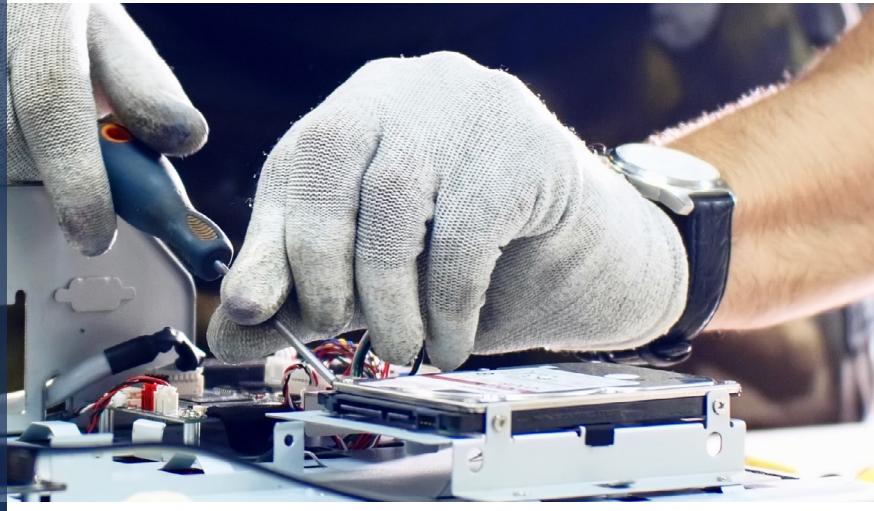
In the event of non-completion, full tuition will be deducted from remaining Training Funds.

IMPORTANT NOTES

- If you have previously taken *Sizing Motor Circuits*, *Faultless* or *Wiring Motors and Air Conditioners* on the 2020 code year through ABC or WECA, choose a different course for State credit.
- A **2020 NEC (70) book** is required for this course (not provided or included in tuition).
- Pass all three (3) final exams to earn credit.
- All course hours must be completed within 90 days of purchase to receive credit.
- Review the System Requirements BEFORE enrolling to ensure your device is compatible.

JOURNEYMEN PREREQUISITES

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



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.

Includes three self-paced modules, completed in order:

1. **Sizing Motor Circuits:** Learn how to size single motor circuits for installation by studying motor components, function, and NEC requirements for sizing single motor circuits. Then, practice calculations for three different scenarios.
2. **Faultless:** Learn how to coordinate NEC articles to select and install circuit components and conductors needed for various load and circuit configurations.
3. **Wiring Motors and Air Conditioners:** Learn to size circuits for supplying power to multiple motors. You'll learn about air conditioning systems with hermetic refrigerant motorcompressors and comparing circuit sizing requirements for motors in NEC Articles 440 and 430. Then, practice motor feeder circuit and air-conditioner circuit calculations.

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: Safari or Google Chrome in iOS 7 and later, or Google Chrome in Android OS 6 and later