ONLINE ELECTRICAL CLASSES

SERVICE TECHNICIAN – GENERAL RESIDENTIAL

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** or **ce@abcsd.org**.
Questions?
Call **(858) 513-4700** select option 5

CANCELLATION POLICY

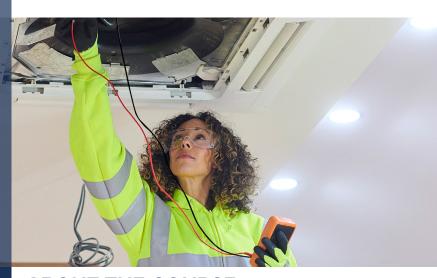No refunds or transfers.

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

Suggested completion of the *Get Wired! 101* course or equivalent 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.

This self-paced course is an introduction to residential troubleshooting, based on what a service technician needs to know and do, as a representative of their company, while utilizing good work practices.

TOPICS INCLUDE:

- Business Behind Service Work
- Professional Communication
- You, as a Representative of Your Company
- Stocking Your Service Vehicle
- Working Cleanly & Efficiently
- General and Electrical Safety
- Ohm's Law
- Engineering Prefixes
- Electrical Circuits, Conditions, and Connections
- Series, Parallel, and Multi-Wire (3-Wire) Circuits
- Meter Safety and Applications
- Circuit Breakers and Fuses
- Ground-Fault Circuit Interrupters (GFCIs)
- Arc-Fault Circuit Interrupters (AFCIs)
- Technologies and Diagnostic Equipment
- Systematic Troubleshooting Using The 5-Step Approach
- 3-Way Switches
- Service Call "Work Order" Simulations

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:*

* 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