ABC San Diego

ONLINE ELECTRICAL CLASSES

SOLAR POWER FOR ELECTRICIANS

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 System Requirements BEFORE enrolling to ensure your device is compatible.

JOURNEYMAN PREREQUISITES

The self-paced course *Faultless*, covering the proper selection and installation of electrical components and conductors for various circuits, is recommended as a prerequisite (optional).

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 course covers core concepts required for safe, code-compliant photovoltaic (PV) system installation. Focusing on residential and commercial systems, it includes array configurations, design characteristics for grid-tied PV systems, and equipment for all PV system types, including back-up energy and storage.

Aligned with the 2020 National Electrical Code (NEC), *Solar Power of Electricians* covers: interconnection; disconnects; overcurrent protection; and wire sizing and grounding for PV installations of any type or size. Suitable as an introductory course or for those seeking to advance their solar industry knowledge.

TOPICS INCLUDE:

- **Solar Electricity Fundamentals:** Solar Panel Electrical Ratings
- Solar Energy "The Electrical Code"
- **PV Systems:** Types, Electrical Connections, Backup Power
- **PV Circuit Design:** Sizing Circuits

SYSTEM REQUIREMENTS

- *This course, Solar Power for Electricians 16-hour, is not supported on mobile devices.*
- DSL connection speed 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