

WESTERN ELECTRICAL CONTRACTORS ASSOCIATION

Electrician Trainee Certificate Program

The
independent
path to a
rewarding
career as an
electrician



WESTERN ELECTRICAL
CONTRACTORS ASSOCIATION, Inc
877-444-9322 | GOWECA.COM

WECA's Electrician Trainee (ET) Certificate Program: Online Learning and Hands-On Labs

WECA's state-approved Electrician Trainee program serves more students in California than any other program in the state. All classes are taught exclusively by experienced electrical industry professionals.

Electrician Trainees who undertake their education at WECA take a variety of courses. Many of these courses are part of WECA's GetWired! program, and are conducted online over instructor-led live webcasts in the evenings, allowing you to attend after work, and without having to travel. Many trainees appreciate this convenience and flexibility over other programs.

Many courses include an onsite instructor-led lab day, on a Saturday, to allow you to practice and develop hands-on electrical skills that complement what you're learning in class. These labs are held at WECA's modern training facilities across the state of California.

You can earn a WECA Electrician Trainee Program Certificate in just four years of dedicated study. In concert with your necessary on-the-job training hours, this certificate qualifies you to take the California General or Residential Electrician certification exam.

What do electricians do?

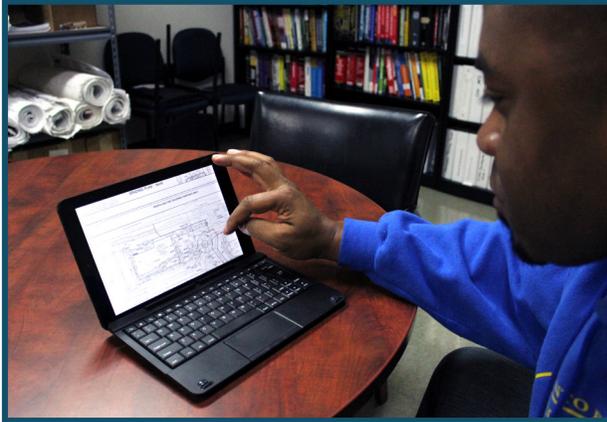
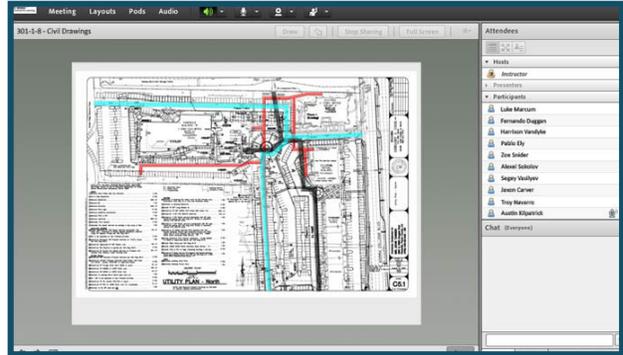
Electricians install, connect, test, and maintain electrical systems for a variety of purposes including power, lighting, climate control, security, communications, and electronic controls for machinery. Electricians work with blueprints and digital construction platforms, follow the National Electrical Code (NEC), and must comply with state and local building requirements. They increasingly work with innovations in smart and green technologies. Although most electricians specialize in either construction or maintenance, a growing number do both. Their working environment varies, depending on the type of job; to avoid injuries, they follow strict safety procedures.

What is an Electrician Trainee?

In order to legally work as an electrician in California, an electrician must have passed the state exam, be registered with the state and enrolled in a state-approved electrician trainee program, or indentured in a federal- or state-approved apprenticeship program. In addition to registering with the state, trainees must also be actively attending courses with a state-approved school or training provider-such as WECA.

An Electrician Trainee is someone who is enrolled with an approved Electrical Trainee Education Provider and who is also registered with the State of California as an Electrician Trainee. Electrician Trainees are not Apprentices, they must follow a similar educational path to becoming a Journeyman Electrician but are not considered an Apprentice, and when employed on Public Works projects must be paid the Journeyman Rate of Pay.

If you are performing work for a C-10 electrical contractor--or would like to do so--and you are not a certified Journeyman or indentured Apprentice, you should enroll with WECA as an Electrician Trainee.



Electrician Trainee Certificate Program Classes:

GetWired! 101 Fundamentals of Electrical Theory and Introduction to the National Electric Code

GetWired! 102 Introduction to the Basic Installation of Lighting Fixtures and Branch Circuits

GetWired! 103 Continuation of Lighting Branch Circuits and Introduction to Special Purpose Outlets

GetWired! 104 Special Systems and Single-Phase Transformer Theory in Residential Electrical Applications

GetWired! 201 Introduction to Alternating Current, Branch Circuits, and Feeder/Service Calculations

GetWired! 202 Three-Phase Electrical Systems, Conductors and Overcurrent Protection, Grounding, Wiring Methods, Basic Trigonometry, and Vectors

GetWired! 203 Raceway Systems, Switchboards and Panelboards, DC Motors, Three-Phase Alternators and Motors

GetWired! 301 Electrical Work for Commercial Construction from the Ground Up (Blueprint Reading Part 1)

GetWired! 302 Electrical Work for Commercial Construction from the Ground Up (Blueprint Reading Part 2)

GetWired! 303 Planning Commercial Electrical Installations for New Construction

GetWired! 304 Assess, Analyze, and Take Action: Working with Inspectors, Sizing Motor Circuits, Wiring Motors and Air Conditioners, and Faultless: A Code-Based Path to Error-Free Electrical Circuit Installations

GetWired! 401 Introduction to Basic Motor Controls

Basic Motor Controls, Part 1 (Lab Course)

Basic Motor Controls, Part 2 (Lab Course)

GetWired! 402 Solar Power; plus Residential Service and Troubleshooting

GetWired! 403 Jobsite Management Skills

GetWired! 404 Test Prep

Plus, optional electives on specialty topics in low voltage (voice data video and fire life safety), solar photovoltaic, construction safety, and more!

Class schedules available at
www.goweca.com/ElectricianTrainees.aspx

Get Started Online at:
www.goweca.com

Complete directions are available on the WECA website, or call 877-444-9322 and a Client Services Specialist will guide you through the process.

It's Easy to Get Started:

1. Enroll in the WECA ET Program by choosing a course and submitting a sign-up form along with your tuition and a \$25 registration fee. You can complete the whole process online!
2. Once enrolled with WECA, you will receive a letter of confirmation. This letter is proof that you are enrolled in a state-approved ET Program. You can now register with the state of California as an Electrician Trainee.



Attend most of your classes online. Engage with instructors and classmates over live webcast. Classes typically run two evenings a week.



Attend hands-on electrical labs to build your skills. Labs are often held one Saturday per course at WECA's Northern and Southern California training facilities.