

Dear WECA Student,

Completing WECA's Electrician Trainee educational program, anchored by our *GetWired!* series of courses featuring instructor-led live webcasts and hands-on labs, is a significant achievement. When you accomplish it, you will be awarded **The WECA Electrician Trainee Program Certificate.**

The WECA Electrician Trainee Program Certificate is a viable path towards completing your electrical education (in concert with OJT hours, of course), and helps prepare you to pass your California General or Residential Electrician state certification exam. Beginning with electrical theory and a firm grounding in the Code, you'll explore advanced electrical concepts, blueprint reading, motor controls, troubleshooting, foremanship, and more during your educational journey.

Questions? Please call us at 1-877-444-9322 and ask for a client services specialist. They can pull up your records and advise you on your progress.

Thanks again for pursuing your education with us,

P.S. Are you close to qualifying for a certificate? Do you qualify already? Contact WECA when you're ready; if you've met the requirements, WECA will award your certificate.

\$10 OFF COUPON

Coupon code good for \$10 off any class now through 12-31-21. Use coupon code 2ETPTHF2 to redeem savings.









WECA

The Roadmap to an Electrician Trainee Program Certificate from WECA

START: BASIC 100 Series

101

Introduction to electrical theory, electrical installation, and finding information in the NEC.

102

Basic electrical circuits, including series, parallel and combination, and finding information in the NEC.

03

Branch circuits, receptacle circuits, special purpose outlets, electricity in batteries, liquids and gasses, and finding information in the NEC.

104

Intro to single-phase transformers and service calculations, overcurrent protection, motors, HVAC and specialty systems, and finding info in the NEC.





204

Single-phase motors, generators, A/C and refrigeration, fire pumps, transformers, special and hazardous locations, and finding info in the NEC.

/203

, DC and 3-phase motors, wiring methods (raceways, boxes, switches, and panel-boards), equipment for general use, and finding info in the NEC.

/202

3-phase transformers, basic trigonometry, conductors and overcurrent protection, grounding, wiring methods, and finding in fo in the NEC.

/201

s, Branch circuits and feeders, introduction to load calculations, services, magnetic induction, and finding information in the NEC.

INTERMEDIATE 200 Series

ADVANCED 300 Series

301

Coordinating blueprints and construction documents for electrical installation for commercial construction: Part 1.

302

Coordinating blueprints and construction al documents for electrical installation for commercial construction: Part 2.

303

Get hands-on exp.
planning commercial
electrical installations.
Identify resources, job
specs, codes, and info
from the owner/
architect and SHJ, and
coordinate them all
with specific blueprints.

304

Assess, analyze, and take action. Size motor circuits, use a codebased path for errorfree circuit installations, and work effectively with inspectors to get your job approved.



FINISH:

Congrats, ET Graduate!

404

Electrician Certification Test Preparation. /403

Foremanship Skills.

Solar Power; plus Residential Service and Troubleshooting

402

Introduction to Motor Controls.

401

JOURNEYMAN PREP 400 Series

> any point after 401 but before 404, you will take Basic Motor Controls 1 & 2.

BMC 1 Get hands-on experience building control circuits for motors as you learn the basics of motor controls.

BMC 2 Build on what you learned in BMC 1 by getting further hands-on experience building control circuits for motors. (Must be taken after BMC 1.)

Choose the time Choose the fits that best edule. Your schedule.

- The chart above shows which classes you need to take to earn your certificate. Attend online, instructor-led classes (typically 2 nights per week), and onsite electrical labs (typically one Saturday per class).
- Work in the trade and gain the required on-the-job experience while you complete WECA's ET course path.
- By completing your electrical education with WECA, as well as the required on-the-job hours, you will qualify to take the California electrician certification exam.
- The courses listed above must be completed with a "pass" designation, and at least 600 course hrs completed (based on a goal of successfully completing 150 hrs per year) to be awarded the Electrician Trainee Program Certificate. Supplemental courses are available. Call the WECA office at 1-877-444-9322 for more information.