

RESIDENTIAL ELECTRICAL, CERTIFICATE OF ACHIEVEMENT

Banner Code: 1_CM_CTR

Control Number: 42331

Not Financial Aid Eligible

This certificate prepares students for entry level employment in residential electrical related trades. The student will be able to wire electrical systems, understand code requirements, and interpret electrical blueprints.

Program Outcomes

1. Demonstrate the knowledge, skills and experience to identify, assess, and participate in many entry-level construction trades.
2. Be prepared to work in the construction field in positions including, but not limited to work areas such as inspection, management, and as hands-on skilled tradespeople.

Review Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/certificates/#specializationtext>).

Course	Title	Units
Required Courses		
CNST A165	Construction Safety/CAL OSHA	3
CNST A190	Blueprint Reading and Drafting	4
CNST A275	Residential Electrical Wiring	5
Select one of the following:		0-4
KIN A203	First Aid and CPR	
EMS A100	Emergency Medical Responder	
Current CPR Certification		
Total Units		12-16

Residential Electrical Suggested Electives:

CNST A150 Electronics for Electricians
 CNST A155 Intro to Home Automation
 CNST A156 National Electrical Code
 CNST A157 Photovoltaic System Installation
 CNST A158 Photovoltaic System Installation 2
 CNST A170 Introduction to Construction
 CNST A250 Construction Supervision and Project Management

Program Sequence

These sequences at Orange Coast College are curriculum maps for students to finish all requirements for the certificate. There may be advisories, prerequisites, or time requirements that students need to consider before following these maps. **Students are advised to meet with an Orange Coast College Counselor for alternate sequencing.**

Course	Title	Units
Year 1		
Semester 1		
CNST A190	Blueprint Reading and Drafting	4
CNST A165	Construction Safety/CAL OSHA	3

Course	Title	Units
CNST A275	Residential Electrical Wiring	5
Select one of the following:		0-4
EMS A100	Emergency Medical Responder	
KIN A203	First Aid and CPR	
Current CPR Certification		
Units		12-16
Total Units		12-16