

RESIDENTIAL ELECTRICAL, CERTIFICATE OF SPECIALIZATION

Not Financial Aid Eligible
Banner Code: 1_CE_CTRE

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.

Certificate of Specialization Requirements

The Certificate of Specialization is a locally approved career program that requires sixteen units or fewer units and is designed to prepare the graduate to enter a particular field of employment. In order to be awarded a certificate, students are required to obtain a grade of "C" or better in all program-required courses. Grades of "CR" or "P" will be accepted whereas "CR" or "P" meets the equivalency of a "C" or better. At least 3 units in an advanced course from the certificate must be completed at OCC at the department's discretion. Certificates of Specialization are not automatically awarded, not printed on official academic transcripts, and there is no acknowledgment of completion given at graduation. Please contact the division for details regarding the submission of petitions as procedures for each division vary. Most division offices prefer that students complete all of the required courses and then provide a copy of the transcript while some divisions allow petitions for Certificates of Specialization before finishing. Check with a counselor to determine the requirements for completion.

A list of certificate programs can be found in the Programs A-Z (<https://catalog.cccd.edu/orange-coast/programs-study/>) section of this catalog.

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

Course	Title	Units
CNST A150	Electronics for Electricians	4
CNST A155	Intro to Home Automation	2

Course	Title	Units
CNST A156	National Electrical Code	2
CNST A157	Photovoltaic System Installation	4
CNST A158	Photovoltaic System Installation 2	4
CNST A170	Introduction to Construction	3
CNST A250	Construction Supervision and Project Management	3
TECH A040	Technical Math	3