

# RESIDENTIAL CONSTRUCTION DEVELOPMENT FIRST AWARD, ASSOCIATE IN SCIENCE DEGREE

Financial Aid Eligible  
Banner Code: 1\_AS\_CTRS  
Control Number: 08628

Students may select any combination of courses that total eighteen (18) or more units from the following list. Note: Construction Technology A165 and Construction Technology A195 are required for any first earned Certificate of Achievement. No course may be applied to more than one Residential Construction Development certificate.

Complete the Residential Construction Development First Award Certificate of Achievement and the Associate in Science graduation requirements as outlined in the Graduation Requirements section of the catalog.

## 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.

## Associate in Science Degree Requirements

1. **UNIT REQUIREMENT** - 60 UNITS, with at least a 2.0 grade point average. At least 12 of the units must be earned at OCC, with a minimum of one course taken for a letter grade. At least 3 units in an advanced course from the program must be completed at OCC. A student must be enrolled at the time of application for graduation. Units earned at an accredited college or university on a credit/no credit basis will be counted toward the degree requirements of the college, to a maximum of 15 units.
2. **MAJOR REQUIREMENT** - Complete the AA or AS major requirements as detailed in the Degree and Certificate section of this catalog.
3. **MATHEMATICS REQUIREMENT** - Demonstrate competence in mathematics by either obtaining a satisfactory grade (grade of "C" or better or "pass") in a mathematics course at or above the level of Intermediate Algebra as demonstrated by prior coursework, or by demonstrating competency that is comparable through the completion of a college-level math course that has Intermediate Algebra as a prerequisite: Psychology A160 or Math A100 or higher, with the exception of Math A220.
4. **GENERAL EDUCATION REQUIREMENT** - Students may choose to complete Option 1 (OCC AA GE) (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-arts-general-education-option-1/>), Option 1 (OCC AS GE) (<https://catalog.cccd.edu/orange-coast/pathways/industrial-technology/construction-technology/residential-construction-development-first-award-associate-science-degree/orange-coast/general-education-patterns/associate-science-general-education-option-1/>), Option 2 (CSU GE) (<https://catalog.cccd.edu/orange-coast/general-education-patterns/>

associate-degree-general-education-option-2/), or Option 3 (IGETC (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-degree-general-education-option-3/>)) to satisfy the general education requirement. See the General Education Patterns section of this catalog for more information.

Course	Title	Units
<b>Required Courses</b>		
CNST A165	Construction Safety/CAL OSHA <sup>1</sup>	3
CNST A195	Residential Code <sup>1</sup>	3
Select 12 units of the following: <sup>2</sup>		12
ARCH/CNST A196	Green Building Codes	
ARCH/CNST A197	California Energy Code	
CNST A100	Principles of Construction	
CNST A112	Stair Framing	
CNST A114	Cabinet Making	
CNST A125	Additions and Remodeling	
CNST A154	Drywall &Taping	
CNST A170	Introduction to Construction	
CNST A180	Building Construction 1	
CNST A185	Building Construction 2	
CNST A190	Blueprint Reading and Drafting	
CNST A198	Energy Audit	
CNST A209	Concrete Flatwork	
CNST A210	Concrete Construction	
CNST A211	Decorative Concrete	
CNST A220	Construction Estimating	
CNST A225	Land and Building Development	
CNST A230	Construction Inspection	
CNST A240	Specialty Trades	
CNST A241	Finish Carpentry	
CNST A250	Construction Supervision and Project Management	
CNST A252	Business Law for Contractors	
CNST A260	Masonry Construction	
CNST A261	Masonry Construction II	
CNST A265	Plumbing 1	
CNST A266	Plumbing 2	
CNST A270	Contrator's License Law	
CNST A275	Residential Electrical Wiring	
CNST A285	Light Steel Frame Construction	
<b>Total Units</b>		<b>18</b>

<sup>1</sup> Required for First Certificate.

<sup>2</sup> No course may be applied to more than one certificate.

Requirement	Units
Program Major Units	18
AS General Education Option 1, 2, or 3	Varies
Transferable electives to satisfy unit requirement	Varies
<b>Total Degree Units</b>	<b>60</b>