

CONSTRUCTION TECHNOLOGY, ASSOCIATE IN SCIENCE DEGREE

Banner Code: 1_AS_CTBP
Financial Aid Eligible

Construction Technology A165, Construction Safety/CAL-OSHA, is required for any first earned Certificate of Achievement. It is recommended that all beginning, full-time students enroll in the following courses leading to a Certificate of Achievement.

Complete the Construction Technology 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, and hands-on skilled tradespeople.

Review Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/associate-degree/>) and General Education (<https://catalog.cccd.edu/orange-coast/general-education-patterns/>).

Course	Title	Units
Required Courses		
CNST A165	Construction Safety/CAL OSHA	3
CNST A180	Building Construction 1	5
CNST A185	Building Construction 2	5
CNST A190	Blueprint Reading and Drafting	4
CNST A195	Residential Code	3
CNST A240	Specialty Trades	5
Total Units		25
Requirement		
Requirement		Units
Program Major Units		25
AS General Education Option 1, 2, or 3		Varies
Transferable electives to satisfy unit requirement		Varies
Total Minimum Degree Units		60

Program Sequence

These sequences at Orange Coast College are general course curriculum maps for students to finish all major and general education requirements for two-year completion of degrees, and/or fulfillment of transfer requirements. The course sequence may include course prerequisites and other placement requirements. **Students are advised to meet with an Orange Coast College Counselor to review course selections and sequences to ensure that completion of this program will meet a student's transfer and career goals.**

Some courses in this program may be offered once per academic year.

Course	Title	Units
Year 1		
Semester 1		
CNST A180	Building Construction 1	5
CNST A190	Blueprint Reading and Drafting	4
OCC AS GE AREA C1 - CHOOSE ONE		3
OCC AS GE AREA D - CHOOSE ONE		3
Units		15
Semester 2		
CNST A185	Building Construction 2	5
OCC AS GE AREA A1 - CHOOSE ONE		3
ELECTIVE (DEGREE APPLICABLE)		9
Units		17
Year 2		
Semester 1		
CNST A165	Construction Safety/CAL OSHA	3
CNST A240	Specialty Trades	5
OCC AS GE AREA B - CHOOSE ONE		3-4
OCC AS GE AREA A2 - CHOOSE ONE ¹		3-4
Units		14-16
Semester 2		
CNST A195	Residential Code	3
Select one of the following or satisfy Math competency (completion of High School Algebra 2 with a "C" or better):		3-4
MATH A030 Intermediate Algebra (or higher) ²		
or MATH A045 or Combined Elementary and Intermediate Algebra		
OCC AS GE AREA C2 - CHOOSE ONE		3
ELECTIVE (DEGREE APPLICABLE)		5
Units		14-15
Total Units		60-63

¹ OCC AS GE AREA A2 - Required if 100-level MATH will not be taken to meet Math competency. If MATH A100 or higher will be taken, then needs to take 3-4 degree applicable elective units

² Math A030 or higher OR take 3-4 degree applicable elective units if math competency was met through completion of High School Algebra 2 with a "C" or better; *100-level Math courses satisfy AS Math Requirement and OCC AS GE AREA A2