

# CONSTRUCTION TECHNOLOGY, ASSOCIATE IN SCIENCE DEGREE

Financial Aid Eligible  
Not Financial Aid Eligible  
Banner Code: 1\_AS\_CTBP  
Control Number: 03979

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.

## 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/construction-technology-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   | 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  | Units  |
|--|--------|
| Program Major Units                                | 25     |
| AS General Education Option 1, 2, or 3             | Varies |
| Transferable electives to satisfy unit requirement | Varies |
| Total Degree Units                                 | 60     |