

# MASTER CONSTRUCTION SPECIALIST, ASSOCIATE IN SCIENCE DEGREE

Financial Aid Eligible  
Banner Code: 1\_AS\_CTMS  
Control Number: 08629

The terms "Master" and "Specialist" imply a very broad knowledge in several of the construction trades and management disciplines. Students who complete this program will have their names displayed on a perpetual "Award of Excellence" listing in the Construction Department.

Complete the Master Construction Specialist Certificate of Achievement and the Associate in Science graduation requirements as outlined in the Graduation Requirements section of the catalog. **Note: this AS degree requires a minimum of 77 units for completion.**

## 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/master-construction-specialist-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>		
<i>Core Courses</i>		
CIS A100 or CHT A100	Introduction to Computer Applications Computer Use in Technology	3
CNST A114	Cabinet Making	4
CNST A165	Construction Safety/CAL OSHA	3
CNST A180	Building Construction 1	5
CNST A190	Blueprint Reading and Drafting	4
CNST A195	Residential Code	3
CNST A210	Concrete Construction	5
CNST A240	Specialty Trades	5
CNST A265 or CNST A266	Plumbing 1 Plumbing 2	4
CNST A275	Residential Electrical Wiring	5
CNST A285	Light Steel Frame Construction	2.5
CNST A185	Building Construction 2	5
CNST A260	Masonry Construction	5
<i>Restricted Electives</i>		
Select one of the following:		3
CNST A220	Construction Estimating	
CNST A230	Construction Inspection	
CNST A250	Construction Supervision and Project Management	
Total Units		56.5

Requirement	Units
Total Degree Units	56.5
AS General Education Option 1, 2, or 3	Varies
Total Minimum Degree Units	74.5