

MASTER CONSTRUCTION SPECIALIST, CERTIFICATE OF ACHIEVEMENT

Control Number: 22396

Financial Aid Eligible

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.

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 Achievement Requirements

The Certificate of Achievement is a state-approved career program that requires a minimum of eight 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 Achievement are not automatically awarded. A petition must be filed in Enrollment Services or online at the beginning of the semester in which the student will be completing their final requirements. The petitioning periods are listed in the Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/>) section of this catalog. 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		
<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 A260	Masonry Construction	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

Course	Title	Units
CNST A185	Building Construction 2	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

Program Sequence

These sequences at Orange Coast College are curriculum maps for students to finish all requirements for the certificate. There may be advisories, prerequisites, or time requirements that students need to consider before following these maps. **Students are advised to meet with an Orange Coast College Counselor for alternate sequencing.**

Course	Title	Units
Year 1		
Semester 1		
CNST A180	Building Construction 1 ¹	5
CNST A165	Construction Safety/CAL OSHA	3
CNST A260	Masonry Construction	5
Units		13
Semester 2		
CNST A114	Cabinet Making	4
CNST A195	Residential Code	3
CNST A185	Building Construction 2	5
CERT RESTRICTED ELECTIVE- CHOOSE ONE		3
CNST A220	Construction Estimating	
CNST A230	Construction Inspection	
CNST A250	Construction Supervision and Project Management	
Units		15
Year 2		
Semester 1		
CNST A285	Light Steel Frame Construction	2.5
CNST A265 or CNST A266	Plumbing 1 or Plumbing 2	4
CNST A190	Blueprint Reading and Drafting	4
CNST A275	Residential Electrical Wiring	5
Units		15.5
Semester 2		
CIS A100 or CHT A100	Introduction to Computer Applications or Computer Use in Technology	3
CNST A210	Concrete Construction	5
CNST A240	Specialty Trades	5
Units		13
Total Units		56.5

¹ Only offered in Fall.