



Construction Associate of Science Degree

The Construction Technology programs at CRC prepare students for work in new construction, remodel, and energy auditing industries. Course offerings include everything from entry-level trades course, all the way to national certification. Students will train at the college, and at real job sites.

SUGGESTED PROGRAM COURSE SCHEDULE

SEMESTER 1

14 UNITS

Course	Units	Pre-Reqs [^]	Semesters offered*	GE Area
CONST 105 Rough Carpentry I-Tools, Materials & Foundation	3		F	
CONST 106 Rough Carpentry II-Floors, Walls, & Roof Framing	3		F, S	
Elective suggested: CONST 102 Intro to Constr Practices	4		F, S	
Elective -suggested: CONST 103 OSHA 10 Hour Safety Training	1		F, S	
CRC Area II(a) Writing competency	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)

SEMESTER 2

15-16 UNITS

Course	Units	Pre-Reqs [^]	Semesters offered*	GE Area
CMT 300 Intro to Constr Plans & Specifications or BIT 102 Plan Reading & Non-Structural Plan Review	3	Advisory: concurrent enrollment in CMT 310 Advisory: ADT 300 & BIT 100	F, S Check Class Schedule for Offering	
CMT 310 Materials of Construction	3	Advisory: CMT 300	F(O), S(O)	
CONST 107 Rough Carpentry III-Exterior Finishes	3		F, S	
CONST 108 Finish Carpentry I – Interior Finish	3		S	
CRC Area II(b) Math competency	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)

[^]You must have passed the prerequisite course(s) with a "C" or better.

*(O) = online available (H) = hybrid available

Career Options/Outlook:

Construction laborers perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, and clean up rubble, debris, and other waste materials. May assist other craft workers.

A sample of reported job titles:

Construction Laborer, Construction Worker, Curb and Gutter Laborer, Drain Layer, Drop Crew Laborer, Helper, Laborer, Post Frammer, Skill Labor, Union Laborer

Projected job openings in

California (2016-2026):

15,970

Projected growth in California:

Faster than average (+19%)

Salary in California:

Median wage (2018): \$43,930/yr

Source:

<https://www.onetonline.org/link/summary/47-2061.00>

SEMESTER 3

18 UNITS

Course	Units	Pre-Reqs	Semesters offered*	GE Area
CMT 112 Construction Estimating	3	Advisory: CMT 310	F	
CMT 136 Constr Safety	3	Advisory: CMT 300	F(O only)	
CRC Area I Humanities	3		F, S, Su	CRC Area I
CRC Area III(b) Life Development Skills	3		F, S, Su	CRC Area III(b)
CRC Area IV Natural Science	3		F, S, Su	CRC Area IV
CRC Area V(b) Social Behavioral Science	3		F, S, Su	CRC Area V(b)

Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

General Education (GE):

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

Courses in red meet the requirement for the Certificate of Proficiency in Construction Pre-Apprenticeship.

Courses in blue meet the requirement for the Certificate of Achievement in Construction.

SEMESTER 4

16 UNITS

Course	Units	Pre-Reqs	Semesters offered*	GE Area
CMT 313 Computer Estimating for Construction	3	Advisory: CMT 112	S	
BIT 100 Intro to the International Building Code	3		S	
CMT 120 Legal Aspects of Construction	3		S(O only)	
CRC Area III(a) Physical Edu Activity	1		F, S, Su	CRC Area III(a)
CRC Area V(a) American Institutions	3		F, S, Su	CRC Area V(a)
CRC Area VI Ethnic Multicultural Studies	3		F, S, Su	CRC Area VI

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