



## Construction Management Technology Associate of Science Degree

This program offers training of management-level employees for the construction industry, as well as preparation for transfer to a four-year college or university construction program. Graduates may be employed by contractors, business and government agencies for work in project planning, estimating and project coordinating.

### SUGGESTED PROGRAM COURSE SCHEDULE

#### SEMESTER 1

**15-17 UNITS**

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>ACCT 101</b>	3	None	F, S	CRC Area II(b)
<b>OR</b>				
<b>ACCT 301</b>	4	Advisory: ACCT 101, BUS 105, MATH 120, or MATH 125	F, S, Su	CRC Area II(b)
<b>CMT 300</b> Intro to Construction Plans & Specifications or <b>BIT 102</b> Plan Reading & Non-Structural Plan Review	3	Concurrent enrollment in CMT 310 Advisory: ADT 300 & BIT 100	F, S Check Class Schedule for Offering	
<b>CMT 310</b> Materials of Construction	3	Advisory: CMT 300	F, S	
<b>CRC Area II(a)</b> Writing Competency	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
<b>CRC Area II(b)</b> Math competency	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)

#### SEMESTER 2

**15 UNITS**

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>CMT 112</b> Construction Estimating	3	Advisory: CMT 310	F, S	
<b>ADT 310</b> Architectural Computer Aided Drawing I	3		F, S	
<b>CISC 302/</b> <b>JOUR 330</b> Computer Familiarization	2		F, S, Su	CRC Area III(b)
<b>PHYS 310</b> Conceptual Physics	3	Advisory: MATH 100 or 125	F, S	CRC Area IV
<b>CRC Area III(a)</b> Physical Education	1		F, S, Su	CRC Area III(a)
<b>Elective</b>	3		F, S, Su	

<sup>^</sup>You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

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

#### Career Options/Outlook:

Construction Managers plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing. **Career opportunities require more than an associate degree.**

#### A sample of reported job

**titles:** Concrete Foreman, Construction Area Manager, Construction Foreman, Construction Manager, Construction Superintendent, General Contractor, Job Superintendent, Project Executive, Project Manager, Project Superintendent

#### Projected job openings in California (2016-2026):

4,850

#### Projected growth in California:

Faster than average (+18%)

#### Salary in California:

Median wage (2018) with advanced degree: \$107,050/yr

Source:

<https://www.onetonline.org/link/summary/11-9021.00>

**SEMESTER 3****15 UNITS**

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>CMT 134</b> Construction Scheduling & Critical Path Method	3	Advisory: CMT 112	F	
<b>CMT 136</b> Construction Safety	3	Advisory: CMT 300	F(O)	
<b>CRC Area V(a)</b> American Institutions	3		F, S, Su	CRC Area V(a)
<b>CRC Area V(b)</b> Social Behavioral Sciences	3		F, S, Su	CRC Area V(b)
<b>CRC Area VI</b> Ethnic Multicultural Studies	3		F, S, Su	CRC Area VI

**SEMESTER 4****13-15 UNITS**

Course	Units	Pre-Reqs <sup>^</sup>	Semesters offered*	GE Area
<b>CMT 313</b> Computer Estimating for Construction	3	Advisory: CMT 112	S	
<b>CMT 120</b> Legal Aspects of Construction	3		S(O)	
<b>CRC Area I</b> Humanities	3		F, S, Su	CRC Area I
<b>Elective</b>	3		F, S, Su	
<b>Elective</b>	1-3		F, S, Su	

<sup>^</sup>You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

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

**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 Achievement in Construction Management Technology.