



Construction Management Technology A.S. Degree - Local GE

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 in project planning, estimating, and project coordinating.

Total Units: 58-62

First Year

Semester 1

15-17 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
ACCT 101 Fundamentals of College Accounting or ACCT 301 Financial Accounting	3 4	 Advisory: ACCT 101, BUS 105, MATH 120 or MATH 125	 F, S, Su	
CMT 300 Introduction to Construction Plans and Specifications or BIT 102 Plan Reading and Non-Structural Plan Review	3 3	 Co-req: EMT 310 Advisory: ADT 300 & BIT 100	 F, S Check Class Schedule for offering	
CMT 310 Materials of Construction	3	Advisory: CMT 300	F, S	
Local Area 1A – English Composition	3	Recommend meeting with a counselor	F, S, Su	CRC Area L1A
Local Area 2 – Math Concepts and Quantitative Reasoning	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area L2

Semester 2

15 Units

Career Options/Outlook:

Construction Managers plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with constructing and maintaining 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 (2020- 2030):

5,150

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CMT 112 Construction Estimating	3	Advisory: CMT 310	F, S	
ADT 310 Architectural Computer-Aided Drawing I	3		F, S	
CISC 302¹ Computer Familiarization	2		F, S, Su	
PHYS 310 Conceptual Physics	3	Advisory: MATH 100 or 125	F, S	CRC Area L5
Local Area 7A – Physical Education	1		F, S, Su	CRC Area L7A
Elective²	3		F, S, Su	

¹ Also listed as JOUR 330.

² Units needed to total 60 units for graduation. Refer to Course Number for the appropriate course level necessary for the degree.

Year 2

Semester 3

15 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CMT 134 Construction Scheduling and Critical Path Method	3	Advisory: CMT 112	F	
CMT 136 Construction Safety	3	Advisory: CMT 300	F(O)	
Local Area 1B – Oral Communication and Critical Thinking	3		F, S, Su	CRC Area L1B
Local Area 4 – Social and Behavioral Sciences	3		F, S, Su	CRC Area L4
Local Area 6 – Ethnic Studies	3		F, S, Su	CRC Area L6

Projected growth in California (2020-2030):

19% growth

Median Salary in California with advanced degree (2021):

\$118,130/yr

Source:

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

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.

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.

Semester 4

13-15 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CMT 313 Computer Estimating for Construction	3	Advisory: CMT 112	S	
CMT 120 Legal Aspects of Construction	3		S(O)	
Local Area 3 – Arts and Humanities	3		F, S, Su	CRC Area L3
Local Area 7B – Life Development Skills	3		F, S, Su	CRC Area L7B
Elective¹	1-3		F, S, Su	

^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 (P) = partially online

¹ Units required are determined by the number of units needed to total 60 units for graduation. Refer to [Course Number](#) for the appropriate course level necessary for the degree.

This map also meets the requirement for

the Certificate of Achievement in Construction Management Technology.

About this map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan that is customized to meet your needs. This map is not a guarantee of course availability or financial aid applicability.

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.

Catalog Year: 2026-2027
Published September 24,
2026

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