

# Construction Management Technology - Certificate of Achievement

+If you have completed coursework at another college and/or are starting in a semester other than a Fall term, please follow up with the Counseling Department to determine if this sequence is appropriate for your academic and career goals.

## Program Description:

The Construction Management Technology program is designed to prepare students with the foundation needed to meet the current technological requirements of the construction workplace. The program is designed to meet the needs of students already employed in the construction industry, who plan to enter the industry after completion of a certificate or associate degree, or who plan to transfer. The certificate and associate degree curriculum provides students with the industry identified skill competencies for entry into the field.

## Program SLO:

Students will be able to demonstrate proficiency in the core skills and knowledge required for employment in construction management.

**Important Information:** For students interested in earning an Associate's degree and/or transfer, please follow up with the Counseling Office for additional information @ <https://www.canyons.edu/counseling> or (661)362-3288/(661)362-3811.

Major courses are sequenced and **BOLDED** based on recommendations by the [Construction Management Technology](#)

FA = Fall; WI = Winter; SP = Spring; SU = Summer

First Semester	(2-8 units minimum)		
Course	Title	Units	Major Courses
CONST 101	<b>Introduction to Construction and Construction Engineering (FA, WI, SP)</b>	2	Major Course
CONST 102	<b>Construction Management Principles (FA)</b>	3	Major Course
CONST 103	<b>Blueprint Reading and Construction (FA, SP)</b>	3	Major Course
	<i>Term Totals:</i>	8	

Second Semester	(9 -20 units minimum)		
Course	Title	Units	Major
CONST 104	<b>The Construction Process-Planning and Scheduling (SP)</b>	3	Major Course
CONST 105	<b>Construction Estimating Principles (FA, SP)</b>	3	Major Course
CONST 108	<b>Introduction to Inspection and Codes (SP)</b>	2	Major Course
Required Major Elective	Refer to the Required Major Electives Table below	3-5	Major Course
* CWE 186CNST or CWE 188 CNST Internship	<b>Cooperative Work Experience Education Construction (Unpaid) or Cooperative Work Experience Education Construction (Paid) (FA, WI, SP, SU)</b>	1-4	Major Course
	<i>Term Totals:</i>	12-15	

\*Refer to the CWE/Internship site for steps necessary to register for the internship course:  
<https://www.canyons.edu/student-services/internships/index.php>

Third Semester	(21 -33 units minimum)		
Course	Title	Units	Major
SURV 101	Introduction to Land Surveying (FA, SP)	4	Major Course
Required Major Elective	Refer to the Required Major Electives Table below	3-5	Major Course
Required Major Elective (if unit requirement hasn't been met)	If required major elective units are not yet met complete remaining units. Refer to the Required Major Electives Table below	3	Major Course
CONST 106	Survey of Construction Contracts and Laws (SP)	3	Major Course
	<i>Term Totals:</i>	13-15	

**Total Units: 33**

*The total unit count will vary based on the selection of required major elective courses completed.*

#### Required Major Electives:

Select 10 units from the following: **(A minimum of one unit must be completed in CWE-186CNST or CWE-188CNST)**

CWE 186CNST or CWE 188 CNST <i>Internship</i>	Cooperative Work Experience Education Construction (Unpaid) or Cooperative Work Experience Education Construction (Paid) (FA, WI, SP, SU)	1-4
ARCHT 110	Architectural Drafting I (FA, SP, SU)	3
ARCHT 140	Materials and Methods of Construction (FA)	3
BUS 101	Bookkeeping and Accounting (FA, SP, SU)	5
MFGT 90	Measurements and Computations (FA, SP)	3

#### Counseling Resources

Construction Management Department Website: [www.canyons.edu/const](http://www.canyons.edu/const)

Counseling Department: <https://www.canyons.edu/student-services/counseling/index.php>

Petition for Certificate of Achievement: Petitions are due in the fall/spring/summer term you will complete the requirements and may be submitted before your last term or up until the final day of the term. The petition form must be reviewed with a counselor and may be found here:

[https://www.canyons.edu/\\_resources/documents/student-services/admissions/Petition\\_for\\_Associate\\_Degree\\_and\\_Certificate\\_of\\_Achievement.pdf](https://www.canyons.edu/_resources/documents/student-services/admissions/Petition_for_Associate_Degree_and_Certificate_of_Achievement.pdf)

#### Career Resources

COC Internship/CWE Program: <https://www.canyons.edu/student-services/internships/index.php>

Construction Technology Career Tree: <https://www.canyons.edu/academics/construction/careertree/index.php>

California Career Zone – Construction Managers: <https://www.cacareerzone.org/profile/11-9021.00>

O\*NET Online –Construction Managers: <https://www.onetonline.org/link/summary/11-9021.00>

Bureau of Labor and Statistics – Construction Managers: <https://www.bls.gov/ooh/management/construction-managers.htm>

Professional Associations: <https://www.canyons.edu/academics/construction/information/links.php>