

Construction Management Technology AS (Associate GE Track)

+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: The sequence listed below, satisfies your AS requirements. Connect with a counselor to develop an individual student education plan through the Counseling Department @ <https://www.canyons.edu/counseling> or (661) 362-3288/(661) 362-3811. This sequence listed below may not meet all your transfer admission requirements.

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

First Semester		(0-14 Units)	
Course	Title	Units	GE Area
CONST 101	Introduction to Construction and Construction Engineering (FA, WI, SP)	2	Major Course
CONST 102	Construction Management Principles (FA)	3	Major Course
ENGL 101/101H	English Composition (FA, WI, SP, SU)	4	Area DI
Physical Education and Wellness	HLHSCI 100 - Health Education (FA, WI, SP, SU) HLHSCI 150 - Nutrition (FA, SP, SU) HLHSCI 243* Women and Health (FA, SP) PE KPEA or KPEI or Dance Activity (FA, WI, SP, SU)	2-3	Area F
Communication and Analytical Thinking	Choose any math course from COC GE Area DII (FA, WI, SP, SU) <i>A math course is recommended in this area to also meet the Mathematics Competency Requirement</i>	3-5	Area DII & Math Competency
Term Total:		14-17	

Second Semester		(15-29 Units)	
Course	Title	Units	GE Area
CONST 103	Blueprint Reading and Construction (FA, SP)	3	Major Course
CONST 104	The Construction Process-Planning and Scheduling (SP)	3	Major Course
CONST 108	Introduction to Inspection and Codes (SP)	2	Major Course
* CWE 186CNST or CWE 188 CNST Internship	Cooperative Work Experience Education Construction (Unpaid) or Cooperative Work	1-4	Major Course

	Experience Education Construction (Paid) (FA, WI, SP, SU)		
** American Institutions Course - Choose Option I or II	Complete first course in chosen option – (note: must take both classes within same option) (FA, WI, SP, SU) – <i>see “American Institutions” box below</i>	3	Area E
Social Science Course	Choose one course from COC GE Area B (FA, WI, SP, SU)	3	Area B
	Term Total:	15-18	

*Refer to the CWE/Internship site for steps necessary to register for the internship course:

<https://www.canyons.edu/student-services/internships/index.php>

**See notation below in text box titled “American Institutions Requirement” regarding options.

Summer	(30-32)		
Course	Title	Units	GE Area
** American Institutions Course	Complete second course in chosen option – (note: must take both classes within same option) (FA, WI, SP, SU) – <i>see “American Institutions” box below</i>	3	Area E
	Term Total:	3	

**See notation below in text box titled “American Institutions Requirement” regarding options.

You may or may not need to take a summer course depending on how you allocate your required major elective units. Consult with a counselor for more information.

Third Semester	(33-48 Units)		
Course	Title	Units	GE Area
SURV 101	Introduction to Land Surveying (FA, SP)	4	Major Course
CONST 105	Construction Estimating Principles (FA, SP)	3	Major Course
Required Major Elective	Refer to the Required Major Electives Table below	3-5	Major Course
Natural Sciences Course	Choose one course from COC GE Area A (<i>lab not required</i>) (FA, WI, SP, SU)	3	Area A
*** Humanities and Fine Arts	Choose one course from COC GE Area C (FA, WI, SP, SU)	3	Area C & Diversity
	Term Total:	16-18	

***Consider taking a humanities general education course GE Area C with an (*) indication on the Associate Degree Requirements Checklist.

Courses with an (*) will also meet the GE Diversity Requirement. Refer to the Associate Degree Checklist for details.

Fourth Semester	(49-60 Units)		
Course	Title	Units	GE Area
CONST 106	Survey of Construction Contracts and Laws (SP)	3	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 electives units are not yet met complete remaining units. Refer to the Required Major Electives Table below	3	Major Course
Elective Course	Choose any course that is an associate degree applicable course (FA, WI, SP, SU)	3	Elective
Elective Course OR Diversity if not yet met	Choose any course that is an associate degree applicable course (FA, WI, SP, SU) OR Diversity Requirement (May double with other GE Notated with an Asterisk on the GE Checklist)	3	Elective or Diversity
	Term Total:	12-17	

Notes: In order to complete your AS degree in two years a minimum of 15 units per semester is necessary. You may consider taking winter/summer coursework to help lighten your load during fall/spring.

Total Units: 60

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 Internship	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

****American Institutions Requirement** – Select one of the options below and complete a total of 6 units

Option 1	One course from the following: Economics 170/170H, History 111/111H, History 112/112H, History 120/120H, or History 130 AND Political Science 150/150H (FA, WI, SP, SU)
Option 2	History 111/111H AND History 112/112H (FA, WI, SP, SU)

Counseling Resources:

Construction Management Department Website: www.canyons.edu/const

Associate Degree Checklist: <https://www.canyons.edu/student-services/counseling/degrees/generaled.php>

Petition for Certificate - petitions are due during the semester you complete your program

Petition for Associate Degree– petitions are due before the first Friday of the graduating term

Career Resources

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