

Construction Technology AS – Associates 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 Technology program is designed to give students a broad experience in construction trades technology. Students will gain knowledge and skills in carpentry, concrete, masonry, HVAC, plumbing, and electrical trades that will lead to entry level jobs in the field. In addition, students will be eligible for industry credentials through the National Center for Construction Education and Research (NCCER).

Program SLO: Demonstrate proficiency in entry-level skills and knowledge required for employment in a construction technology career field.

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.

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

First Semester (2-15 units minimum)

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

Course	Title	Units	Major and GE Courses
CONST 025	Introduction to Construction Technology (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 030	Carpentry Technology I (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 040	Fundamentals of Masonry Construction (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 101	Introduction to Construction and Construction Engineering (FA, WI, SP)	2	Major
MFGT 090	Measurements and Computations (FA, SP)	3	Major
ENGL 101/101H	English Composition (FA, WI, SP, SU)	4	Area Di
Term Total:		15	

NOTE: CONST 025 is the pre-requisite for CONST 030, CONST 040, CONST 050, and CONST 060

Second Semester (16-30 units minimum)

Course	Title	Units	Major and GE Courses
CONST 032	Carpentry Technology II (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 034	Interior Finish Carpentry (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 103	Blue Print Reading for Construction (FA, SP)	3	Major
Communication and Analytical Thinking	Choose any math course from COC GE Area Dii (FA, WI, SP, SU)	3-5	Area Dii & Math Competency
Physical Education and Wellness	Take two PE or Dance activity courses (excluding DANCE 100) or Health Science 100, 149, 150 or 243 (FA, WI, SP, SU)	2-3	Area F
Elective Course	Choose any course that is an associate degree applicable course (FA, WI, SP, SU)	3	Elective
Term Total:		15-18	

NOTE: CONST 030 is the pre-requisite for CONST 032 and CONST 034

Third Semester (31-46 units minimum)

Course	Title	Units	Major and GE Courses
CONST 050	Fundamentals of Mechanical, Electrical, and Plumbing Construction (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 060	Concrete Construction Technology (FA, SP) <i>Offered as short term 8 week course</i>	2	Major
CONST 109	California Building Code (FA, SP)	3	Major
American Institutions Course – Choose Option I or II from table below	Complete first course in chosen option – (note: must take both classes within same option) (FA, WI, SP, SU) – see “American Institutions” table below	3	Area E
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	

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 (47 – 60 units minimum)

Course	Title	Units	Major and GE Courses
Social Science Course	Choose one course from COC GE Area B (FA, WI, SP, SU)	3	Area B
American Institutions Course	Complete second course in chosen option – (note: must take both classes within same option) (FA, WI, SP, SU) – see “American Institutions” table below	3	Area E
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	3	Elective or Diversity
Elective Course	Choose any course that is an associate degree applicable course (FA, WI, SP, SU)	3	Elective
Elective Course	Choose any course that is an associate degree applicable course (FA, WI, SP, SU)	2	Elective (if needed to meet remaining units towards your 60)
Term Total:		14	

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

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 Technology Department Website: www.canyons.edu/const

Counseling Department Website: www.canyons.edu/counseling

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

Alliances: <https://www.canyons.edu/administration/ie2/equity/alliances/index.php>

Petition for Associate Degree: Check the [student calendar](#) for term-specific submission deadlines for the petition for associate degree. *Summer graduation associate degree petitions are due by April 1st for your name to appear in the spring commencement pamphlet. 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

Career Resources

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

California Career Zone: <https://www.cacareerzone.org/>

O*Net Online: <https://www.onetonline.org/>

Bureau of Labor and Statistics: www.bls.gov

Occupational Outlook Handbook: <https://www.bls.gov/ooh/>