

# Construction Technology AS – (Associates GE Track)

## Canyon Country Campus Pathway

+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.

**Canyon Country Campus Pathway:** This pathway allows students to start and finish their program at the Canyon Country Campus (CCC) and in conjunction with Online and/or OnlineLIVE formatted courses.

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

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	<b>Carpentry Technology II (FA, SP)</b> <i>Offered as short term 8 week course</i>	2	Major
CONST 034	<b>Interior Finish Carpentry (FA, SP)</b> <i>Offered as short term 8 week course</i>	2	Major
CONST 103	<b>Blue Print Reading for Construction (FA, SP)</b>	3	Major
Math Competency	Choose any math course from COC GE Area 3 (FA, WI, SP, SU)	3-5	Area 3 and Dii
PE/Wellness	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
<b>Term Total:</b>		<b>15-18</b>	

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	<b>Fundamentals of Mechanical, Electrical, and Plumbing Construction (FA, SP)</b> <i>Offered as short term 8 week course</i>	2	Major
CONST 060	<b>Concrete Construction Technology (FA, SP)</b> <i>Offered as short term 8 week course</i>	2	Major
CONST 109	<b>California Building Code (FA, SP)</b>	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	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
<b>Term Total:</b>		<b>16</b>	

\*Consider taking a humanities and fine arts general education course with an (\*) indication on the Canyon Country and Online/OnlineLive GE Offerings Checklist. Courses with a (\*) will also meet the GE Diversity Requirement.

### Fourth Semester (47 – 60 units minimum)

Course	Title	Units	Major and GE Courses
Social Science	Choose one course from COC GE Area B (FA, WI, SP, SU)	3	Area B
American Institutions	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 your60)
<b>Term Total:</b>		<b>14</b>	

Notes: To complete your AS degree in two years a minimum of 15 units per semester is necessary. You may consider taking winter and or 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

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

### Counseling Resources:

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

Counseling Department Website: [www.canyons.edu/counseling](http://www.canyons.edu/counseling)

General Education Requirements: <https://www.canyons.edu/studentservices/counseling/degrees/generaled.php>

Canyon Country Campus Website: [www.canyons.edu/canyoncountry](http://www.canyons.edu/canyoncountry)

Canyon Country Campus Program Pathways: <https://www.canyons.edu/canyoncountry/pathways/index.php>

Canyon Country and Online/OnlineLive GE Offerings: <https://www.canyons.edu/canyoncountry/pathways/index.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/student-services/admissions/records/forms.php>

### **Career Resources**

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>

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

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