

## Fire Technology Pre-Service 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 Fire Technology degree/certificate program prepares students for careers in the fire service, either public or private. After completion of the program, students will have a basic understanding of fire protection, prevention and behavior, fire company organization and procedures, fire hydraulics, wildlandfire behavior and fire investigation among other areas. HLHSCI 151 (EMT) may be waived; however, 2 additional Fire Tech courses must be taken in lieu of HLHSCI 151.

**Program Learning Outcome:** Demonstrate proficiency in the core skills and knowledge of fire organization, fire prevention, fire equipment and systems, building construction for fire protection, fire behavior and combustion, and emergency medical technician.

**Important Transfer Information:** The sequence listed below, may not meet all your transfer admissions 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) 362-3822.

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

### First Semester (3-16 units minimum) FA=Fall; WI=Winter; SP=Spring; SU=Summer

Course	Title	Units	Major Prep and GE Courses
<b>FIRETC 101</b>	<b>Principles of Emergency Services (FA, SP, SU)</b>	<b>3</b>	<b>Major Course</b>
<b>FIRETC 105</b>	<b>Fire Behavior and Combustion (FA, SP)</b>	<b>3</b>	<b>Major Course</b>
ENGL 101/101H	English Composition (FA, WI, SP, SU)	4	Area D1
Math Competency	Any 100-level math course (FA, WI, SP, SU)	3-5	Area D2
American Institutions	Complete first course in chosen option - (note: must take both classes within one option)—see below (FA, WI, SP, SU)	3	American Institutions
<b>Term Total:</b>		16-18	

Check the Honors website for most recent course offerings. Must be enrolled in the Honors program to take courses, see below.

### Second Semester (17-31 units minimum)

Course	Title	Units	Major Prep and GE Courses
<b>FIRETC 102</b>	<b>Fire Prevention (FA, WI, SP)</b>	<b>3</b>	<b>Major Course</b>
<b>FIRETC 103</b>	<b>Fire Protection Systems (FA, SP)</b>	<b>3</b>	<b>Major Course</b>
<b>FIRETC 104</b>	<b>Building Construction for Fire Protection (FA, SP)</b>	<b>3</b>	<b>Major Course</b>
Natural Science	Choose once course from the AA GE Area A (FA, WI, SP, SU)	3	Area A
*Social Science/ Diversity	Choose one course from the AA GE Area B (FA, WI, SP, SU)	3	Area B & possibly Diversity requirement (Area 4)
<b>Term Total:</b>		15	

\*Courses with an (\*) next to them will double-count toward the Diversity Requirement.

### Third Semester (32-46 units minimum)

Course	Title	Units	Major Prep and GE Courses
<b>FIRETC 109</b>	<b>Principles of Fire and Emergency Services Safety and Survival (FA, SP, SU)</b>	<b>3</b>	<b>Major Course</b>
<b>Group 1 Course</b> (Highly recommend HLHSCI046 for EMT preparation)	<b>Choose any 3-unit course from Group 1 listed below (FA, WI, SP, SU)</b>	<b>3</b>	<b>Major Course</b>

#### Fourth Semester (47-60.5 units minimum)

Course	Title	Units	Major Prep and GE Courses
HLHSCI 151	Emergency Medical Technician I (FA, SP, SU)	9.5	Major Course
Group 1 Course	Choose any 3-unit course from Group 1 listed below (FA, SP, SU)	3	Major Course
PE/Wellness	Take two of any KPEA or Active Dance classes (except not Dance 100) or Health Science 100, 149, 150, or 243 (FA, WI, SP, SU)	2-3	Area F
	<b>Term Total:</b>	14.5-15.5	

*NOTE: HLHSCI 151 May be waived if the student has successfully completed EMT training; however, two additional elective FIRETC courses (6 units) must be taken in lieu of HLHSCI 151—See a Counselor to submit documentation of EMT completion and request a Major Course Substitution. **Note regarding Health Science 151:** Prerequisite: Must be 18 years or older the first day the class meets and have completed an American Heart Association’s “BLS for the Healthcare Provider” course and present AHA BLS Healthcare Provider card to instructor and obtain a Fire and Life Safety card (aka “Healthcare Fire Safety Card”) prior to the first day of class. Recommended preparation: HLHSCI 046 – Emergency Medical Responder. Visit the [EMT department website](#) for more information.*

**Total Units: 60.5+**

#### Group 1 – Need a total of 6 units completed for this area (Choose any two courses)

FIRETC 106	Principles of Fire and Emergency Service Admin. (FA)	3
FIRETC 110	Wildland Fire Behavior (SP)	3
FIRETC 120	Hazardous Materials Chemistry (FA)	3
FIRETC 123	Fire Investigation (Varies)	3
FIRETC 125	Firefighting Tactics and Strategy (SP)	3
HLHSCI 046	Emergency Medical Responder (FA, WI, SP, SU)	3

**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
<b>Option 2</b>	History 111/111H <b>AND</b> History 112/112H

#### Counseling Resources

Department Website: <https://www.canyons.edu/academics/fire/index.php>

EMT Department: <https://www.canyons.edu/academics/emt/index.php>

COC General Education: <https://www.canyons.edu/student-services/counseling/degrees/generaled.php>

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

COC Club: Firefighters of Tomorrow –contact Keith Kawamoto, COC Fire Technology Department Chair

Honors Program: <https://www.canyons.edu/academics/honors>

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. 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](https://www.canyons.edu/resources/documents/student-services/admissions/Petition_for_Associate_Degree_and_Certificate_of_Achievement.pdf)

#### Career Resources

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

California Career Zone: [www.cacareerzone.org](http://www.cacareerzone.org)

O\*Net Online: [www.onetonline.org](http://www.onetonline.org)

Bureau of Labor and Statistics: [www.bls.gov](http://www.bls.gov)

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

Professional Associations: FESHE (Fire and Emergency Service Higher Education)

[https://www.usfa.fema.gov/training/prodev/about\\_feshe.html](https://www.usfa.fema.gov/training/prodev/about_feshe.html)

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