

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, wildland fire 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	
FIRETC 101	Principles of Emergency Services (FA, SP, SU)	3	Major Course	
FIRETC 105	Fire Behavior and Combustion (FA, SP)	3	Major Course	
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	
		Term Total:	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	
FIRETC 102	Fire Prevention (FA, WI, SP)	3	Major Course	
FIRETC 103	Fire Protection Systems (FA, SP, SU)	3	Major Course	
FIRETC 104	Building Construction for Fire Protection (FA, SP)	3	Major Course	
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)	
		Term Total:	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	
FIRETC 109	Principles of Fire and Emergency Services Safety and Survival (FA, SP)	3	Major Course	
Group 1 Course (Highly recommend HLHSCI 046 for EMT preparation)	Choose any 3-unit course from Group 1 listed below (FA, SP, SU)	3	Major Course	

Third Semester (32-46 units minimum)				
	American Institutions	Complete second course in chosen option – (note: must take both classes within one option) –see below (FA, WI, SP, SU)	3	American Institutions
	*Humanities/Diversity	Choose once course from the AA GE Area C (FA, WI, SP, SU)	3	Area C & possibly Diversity requirement (Area 4)
	Associate Elective	Choose any 3-unit course that is 100-level or above (FA, WI, SP, SU)	3	Elective
		Term Total:	15	

Fourth Semester (47-60.5 units minimum)				
Course	Title	Units	Major Prep and GE Courses	
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 do a Major Course Sub)	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	two of any KPEA or Active Dance classes (except not Dance 100) or Health 100, 149, 150, or 243 (FA, WI, SP, SU)	2-3	Area F	
		Term Total:	14.5-15.5	

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, SP, SU)	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
Option 2	History 111/111H AND History 112/112H

Counseling Resources

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

AA General Education Guide:

<https://www.canyons.edu/resources/documents/student-services/counseling/top10/AssociateDegreeRequirements20192020.pdf>

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

Career Resources

California Career Zone: www.californiacareerzone.com

O*Net Online: www.onetonline.com

Bureau of Labor and Statistics: www.bls.gov

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

https://www.usfa.fema.gov/training/prodev/about_feshe.html

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