

# Fire Technology Pre-Service - Certificate of Achievement

+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 if the student has successfully completed EMT training; however, two additional elective Fire Tech courses must be taken in lieu of HLHSCI 151.

## Program SLO:

Students will be able to 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 Information:** For students interested in earning an Associate's degree and/or transfer, please follow up with the Counseling Office for additional information @ <https://www.canyons.edu/counseling> or (661)362-3288/(661)362-3811.

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

**First Semester (3 - 15 units minimum) FA = Fall; WI = Winter; SP = Spring; SU = Summer**

Course	Title	Units	Major Courses
<b>FIRETC 101</b>	<b>Principles of Emergency Services (FA, SP, SU)</b>	<b>3</b>	<b>Major</b>
<b>FIRETC 102</b>	<b>Fire Prevention (FA, WI, SP)</b>	<b>3</b>	<b>Major</b>
<b>FIRETC 103</b>	<b>Fire Protection Systems (FA, SP)</b>	<b>3</b>	<b>Major</b>
<b>FIRETC 104</b>	<b>Building Construction for Fire Protection (FA, SP)</b>	<b>3</b>	<b>Major</b>
<b>FIRETC 105</b>	<b>Fire Behavior and Combustion (FA, SP)</b>	<b>3</b>	<b>Major</b>
	<b>Term Totals:</b>	<b>15</b>	

## Interession I (3 units Highly Recommended)

Course	Title	Units	Major Course
HLHSCI 046	Emergency Medical Responder (FA, WI, SP, SU)	3	Recommended Elective
	<b>Term Totals:</b>	<b>3</b>	

## Second Semester (16 – 27.5 units minimum)

Course	Title	Units	Major Course
<b>FIRETC 109</b>	<b>Principles of Fire and Emergency Services Safety and Survival (FA, SP, SU)</b>	<b>3</b>	<b>Major</b>
<b>HLHSCI 151</b>	<b>Emergency Medical Technician I (FA, SP, SU)</b>	<b>9.5</b>	<b>Major</b>
	<b>Term Totals:</b>	<b>12.5</b>	

**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 the first day of class. Must also 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 regarding entry requirements.

**Total Units: 27.5**

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## **Counseling Resources**

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

EMT Department: <https://www.canyons.edu/academics/emt/index.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 Certificate of Achievement: Petitions are due in the fall/spring/summer term you will complete the requirements and may be submitted before your last term or up until the final day of the term. The petition form must be reviewed with a counselor and may be found here:

[https://www.canyons.edu/\\_resources/documents/student-services/counseling/forms/PetitionforAssociateDegreeandCertificateofAchievement.pdf](https://www.canyons.edu/_resources/documents/student-services/counseling/forms/PetitionforAssociateDegreeandCertificateofAchievement.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://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)