

## **Associate in Science Degree: Fire Technology Pre-Service**

The Fire Technology: Pre-Service 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 in 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, 2 additional elective courses must be taken in lieu of HLHSCI 151.

### **Degree Student Learning Outcome:**

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.

### **Program Requirements:**

Units Required: 33.5

	Units:
FIRETC-101 Principles of Emergency Services	3.0
FIRETC-102 Fire Prevention	3.0
FIRETC-103 Fire Protection Systems	3.0
FIRETC-104 Building Construction for Fire Protection	3.0
FIRETC-105 Fire Behavior and Combustion	3.0
FIRETC-109 Principles of Fire and Emergency Services & Survival	3.0
HLHSCI-151 Emergency Medical Technician	9.5

Plus six units from the following:

FIRETC-106 Principles of Fire and Emergency Service Administration	3.0
FIRETC-107 Fire Apparatus and Equipment	3.0
FIRETC-108 Fire Protection Hydraulics and Water Supply	3.0
FIRETC-110 Wildland Fire Behavior	3.0
FIRETC-120 Hazardous Materials Chemistry	3.0
FIRETC-123 Fire Investigation	3.0
FIRETC-125 Firefighting Tactics and Strategy	3.0
HLHSCI-046 Emergency Medical Responder	3.0