

PROGRAM OF STUDY

Fire Technology Pre-Service Associate in Science

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 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; however, 2 additional elective courses must be taken in lieu of HLHSCI 151.

Student 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, firefighter safety and survival and emergency medical technician.

Program Requirements:

		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 Safety & Survival	3 - 0
HLHSCI 151	Emergency Medical Technician I	9 - 5

Plus six units from the following:

		Units
FIRETC 106	Principles of Fire and Emergency Service Administration	3 - 0
FIRETC 107	Fire Apparatus & Equipment	3 - 0
FIRETC 108	Fire Protection Hydraulics and Water Supply	3 - 0
FIRETC 110	Wildland Fire Behavior	3 - 0
FIRETC 120	Hazardous Materials	3 - 0
FIRETC 123	Fire Investigation	3 - 0
FIRETC 125	Firefighting Tactics and Strategy	3 - 0
HLHSCI 046	Emergency Medical Responder	3 - 0

Total Units**33.5**

PID 381

PROGRAM OF STUDY

Fire Technology Pre-Service Certificate of Achievement

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 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; however, 2 additional elective courses must be taken in lieu of HLHSCI 151.

Student 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 firefighter safety and survival, and emergency medical technician.

Program Requirements:

		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 Safety & Survival	3 - 0
HLHSCI 151	Emergency Medical Technician I	9 - 5

Recommended electives:

		Units
FIRETC 106	Principles of Fire and Emergency Service Administration	3 - 0
FIRETC 107	Fire Apparatus & Equipment	3 - 0
FIRETC 108	Fire Protection Hydraulics and Water Supply	3 - 0
FIRETC 110	Wildland Fire Behavior	3 - 0
FIRETC 123	Fire Investigation	3 - 0
FIRETC 125	Firefighting Tactics and Strategy	3 - 0

Total Units

27.5

PID 382