

## 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 emergency medical technician.

#### **Program Requirements:**

	<b>Units</b>
FIRETC 101              Fire Protection Organization	3 - 0
FIRETC 102              Fire Prevention Technology	3 - 0
FIRETC 103              Fire Protection Equipment & Systems	3 - 0
FIRETC 104              Building Construction for Fire Protection	3 - 0
FIRETC 105              Fire Behavior and Combustion	3 - 0
HLHSCI 151              Emergency Medical Technician I	8 - 0

#### **Recommended electives:**

	<b>Units</b>
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 109              Principles of Fire and Emergency Services Safety & Survival	3 - 0
FIRETC 110              Wildland Fire Behavior	3 - 0
FIRETC 123              Fire Investigation	3 - 0
FIRETC 125              Firefighting Tactice and Strategy	3 - 0

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#### **Total Units**

**23**

PID 66