

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. EMS-101, 101L, and 102 (EMT) may be waived if the student has successfully completed EMT training; however, 2 additional elective courses must be taken in lieu of EMS-101, 101L, and 102.

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: 32.5

		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
EMS-101	Emergency Medical Technician	5.0
EMS-101L	Emergency Medical Technician Lab	2.0
EMS-102	Emergency Medical Technician Practicum	1.5

Plus six units from the following:

EMS-100	Emergency Medical Services Foundations	3.0
FIRETC-106	Principles of Fire and Emergency Service Administration	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