Fire Technology

Award Type: Associate in Science

The fire technology certificate program is designed to prepare those interested in a career in the fire service, either public or private, upgrade the skills of in-service fire personnel in their present positions or prepare in-service personnel for promotional opportunities.

The graduate of the Associate in Science in Fire Technology will:

- Demonstrate the skill set necessary for a successful career in Fire Service, Environmental Technology, and /or Emergency Medical Services.
- Show knowledge of federal and state laws, regulations and codes pertaining to safety and efficiency in all risk emergencies and scenarios pertaining to fire, safety, and/or medical services.

Program Requirements

A major of 33 units is required for the associate in science degree.

Required core courses (18 units):

Course Number	Course Title	Units
FT 101	Fire Protection Organization	3.0
FT 102	Fire Prevention Technology	3.0
FT 103	Fire Protection Equipment and Systems	3.0
FT 104	Building Construction for Fire Protection	3.0
FT 105	Fire Behavior and Combustion	3.0
FT 106	Principles of Fire & Emergency Safety & Survival	3.0

Plus a minimum of 15 units selected from the following:

Course Number	Course Title	Units
EMS 301	Emergency Medical Services Academy- 1A	6.0
FT 307	Firefighter I Academy IA	6.0
FT 308	Firefighter 1 Academy IB	7.0
FT 341	Fire Hydraulics	3.0
FT 149	Cooperative Work Experience: Occupational	1.0 - 8.0 units