

CERTIFICATE OF ACHIEVEMENT IN FIRE TECHNOLOGY

This certificate prepares students for entry-level employment in the field of Fire Technology. Students completing this certificate will acquire skills necessary for employment or advancement as an entry-level firefighter or other positions in the field of fire protection and prevention.

Program Outcomes

- Demonstrate effective communication and interpersonal skills with supervisors, peers, and the public.
- Demonstrate an understanding of the principles of fire development, cause, and prevention.
- Demonstrate in-depth knowledge of the principles of fire control through the utilization of personnel, equipment, extinguishing agents on the fire ground.
- Apply the theory and principles for the use of water in fire suppression activities, including hydraulic principles.

Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following fields: firefighter, firefighter/paramedic, fire investigation, fire prevention and public education.

Code	Title	Units
REQUIRED CERTIFICATE COURSES		
EMT 251	Emergency Medical Technician B	6
FIRE 155	Fire Behavior & Combustion	3
FIRE 159	Intro to Fire Protection Org	3
FIRE 163	Fire Protection Equip/System	3
FIRE 182	Build. Constr. for Fire Safety	3
FIRE 270	Basic Fire Fighter 1 Academy	15
=		
TOTAL		33

The Certificate of Achievement requirements include completion of the certificate courses with a "C" or better grade in each course. Units for classes which are duplicated in the above sections may not be considered in more than one section.