

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 and wildland 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.
- Demonstrate knowledge of hazardous materials containment 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 and Combustion	3
FIRE 159	Introduction to Fire Protection Organizations	3
FIRE 163	Fundamentals of Fire Protection Equipment and Systems	3
FIRE 182	Building Construction for Fire Safety	3
FIRE 270	Basic Firefighter 1 Academy	15
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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.