

Learn important aspects of fire behavior, investigation, and safety so you can help prevent devastation.



Pathway Description:

The fire science pathway prepares students for entry-level technical or administrative careers in the fire science field by providing them with the necessary knowledge of the subject field, professional skills, and state-of-the-art techniques necessary for a successful career.

Increasing opportunities also exist for transfer and articulation into four-year baccalaureate degree programs in fire science, public safety, and emergency management and planning. This program is designed in cooperation with officials of the local area fire departments and is intended to address the professional educational needs of practicing firefighters as well as to provide an educational path for those seeking a career.

Key Competencies:

- Learn leadership skills and how to work cooperatively with peers and authority figures
- Explain the mission of fire service
- Identify responsibilities for safety
- Learn the classes of fire, how heat is transferred, and the phases of fire progression
- Recognize and understand proper use of fire tools
- Gain awareness of hazardous materials and operations
- Learn about rescue and fire attack techniques

Courses (HS Credits):

Year 1 96A1 Strategy and Tactics (1)
 96A2 Fire Protection Hydraulics/Water Supply (1)
Year 2 9G88A Essentials of Firefighter I (1)
 9G89A Firefighter II (1)
 7635 Emergency Fire Responder (1)

College Credits: 14

Annual National Average Salary for a Firefighter: \$48,000

Career Opportunities:

Public Sector Fire Services	Insurance Property Appraiser/Adjuster
Firefighter	Building Codes Inspector
Sprinkler and Alarm System Installer	Property Loss Claims Investigator
Safety Engineering Technician	Fire Prevention Specialist