

# **FIREFIGHTING**

**Course Code:**

8705/8706

**Course Description:**

This one year program requires discipline and attention to academic and professional standards to successfully fight live fires, address hazardous-materials (HAZMAT) incidents, and conduct search-and-rescue operations. Students will also respond to situations caused by simulated terrorism, accidents, and natural disasters by managing resources such as medivac helicopters, emergency medical personnel, technical rescue teams, and community-based organizations. Students will become familiar with the procedures, equipment, and technologies used by fire departments. This course challenges students academically, mentally, and physically to meet the standards of the National Fire Protection Association (NFPA) leading to an opportunity to obtain a Firefighter I & II certifications.

**Topics of Study:**

Basic life support

Hazardous material awareness and operations

Fire behavior, building construction, and forcible entry

Ladders, water supply, sprinkler systems, and ventilation

Incident management systems

Building Search

Fire cause and origin

Pre-incident survey

Fire department communications, radio systems, and reporting

**Campus Location:**

Butler Farm, Hampton

**Sessions:**

AM - Woodside Lane Campus

PM - Butler Farm Campus

**Class Size:**

20 students

**Credentials:**

Firefighter I & II Examination - Virginia Department of Fire Programs

Hazardous Materials Awareness - Virginia Department of Fire Programs

**Career & Technical Student Organization:**

SkillsUSA

## **Work-Based Learning Opportunities:**

### **Course Prerequisites:**

Must be 16 years of age at the beginning of the course

Completed 10th grade English with a grade of "C" or better

Must be proficient in reading, writing, and speaking the English language at the 10th grade level

Must have a physical exam completed by August 1st on the NHREC Physical Form

Must attend after school and weekend mandatory sessions

Must complete BLS for Healthcare Providers during the 1st weekend of school

### **Instructor Bio:**

James Hickman

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757-766-1100 ext. 3341

28 Years in the Hampton Fire Department reaching the rank of Lieutenant

10 Years in the Training Division with Hampton Fire Department

40 Years Experience in the Chincoteague Volunteer Fire Department

Captain of the Carrollton Volunteer Department

Adjunct Fire Instructor for the Virginia Department of Fire Programs

Received numerous fire service awards from Knights of Columbus, VFW Firefighter of the Year, & Chincoteague Fire Department EMT of the Year

### **Projected Employment:**

Employment of firefighters is projected to grow 4 percent from 2022 to 2032, about as fast as the average for all occupations.

"Firefighters" Occupational Outlook Handbook, US Bureau of Labor Statistics, 11 October, 2023.

<https://www.bls.gov/ooh/protective-service/firefighters.htm#tab-6>

### **Career Pathways:**

Firefighter

Fire Inspector

Emergency Medical Technician

Emergency Management Director

**Program Flyer:** (linked)