**Printed for:** CAVIT Fire Science Program



# **Firefighters**

Also called: Fire Engineer, Fire Equipment Operator, Firefighter, Wildland Firefighter

#### What they do:

Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.

#### On the job, you would:

- Rescue victims from burning buildings, accident sites, and water hazards.
- Dress with equipment such as fire-resistant clothing and breathing apparatus.
- Assess fires and situations and report conditions to superiors to receive instructions, using two-way radios.

## KNOWLEDGE

### **Safety and Government**

- public safety and security
- law and government

#### **Business**

- customer service
- management

### **Education and Training**

teaching and course design

### **Engineering and Technology**

building and construction

## **SKILLS**

#### **Basic Skills**

- thinking about the pros and cons of different ways to solve a problem
- figuring out how to use new ideas or things

#### **Problem Solving**

• noticing a problem and figuring out the best way to solve it

#### Social

- changing what is done based on other people's actions
- looking for ways to help people

# **ABILITIES**

#### **Endurance**

• exercise for a long time without getting out of breath

#### **Verbal**

- listen and understand what people say
- · communicate by speaking

### **Physical Strength**

- lift, push, pull, or carry
- exercise for a long time without your muscles getting tired

### **Hand and Finger Use**

• keep your arm or hand steady

# **PERSONALITY**

People interested in this work like activities that include **practical**, **hands-on** problems and solutions.

They do well at jobs that need:

- Stress Tolerance
- Dependability
- Self Control
- Attention to Detail
- Integrity
- Concern for Others

# **TECHNOLOGY**

You might use software like this on the job:

### Data base user interface and query software

- Fire incident reporting systems
- Microsoft Access

#### **Presentation software**

Microsoft PowerPoint

#### **Electronic mail software**

- Email software
- Microsoft Outlook

## **EDUCATION**









high school diploma/GED or certificate after high school

usually needed

# JOB OUTLOOK



New job opportunities are  $\underline{\text{likely}}$  in the future.

Average



# **EXPLORE MORE**

- Fire Inspectors & Investigators
- Fire-Prevention & Protection Engineers
- First-Line Supervisors of Firefighting & Prevention Workers
- Forest Fire Inspectors & Prevention Specialists
- <u>Lifeguards, Ski Patrol, & Other Recreational Protective Service Workers</u>

You might like a career in one of these industries:

• Government