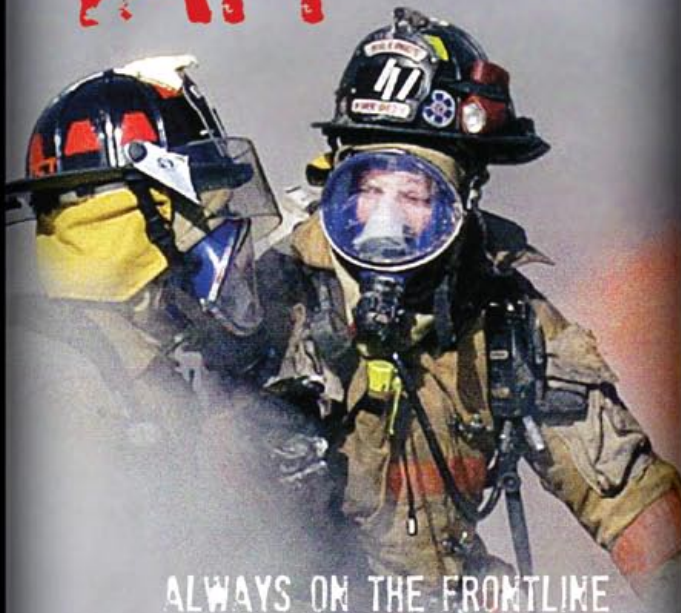


IAFF



ALWAYS ON THE FRONTLINE

HEALTH AND SAFETY TRAINING



REFRESHER TRAINING



HAZMAT/WMD TRAINING



CONFINED SPACE TRAINING





**International Association of Fire Fighters
Education and Training Division
HazMat/WMD Training Program**

TRAINING CURRICULA

HazMat/WMD Training

First Responder Operations - 2005 Edition (24 Hours)

This operations-level course provides the tools needed to protect responder health and safety, while covering basic defensive actions, personal protective equipment, hazard recognition and identification, pre-incident planning and scene management. This course is facilitated through small group activities and real-life case studies. Meets or exceeds OSHA (29 CFR 1910.120) and NFPA Standards (472).

Technician (80 hours)

This specialized training utilizes a modular format where a fire department may analyze its current level of competency and choose course modules that will provide the skills needed by its hazardous materials team. Training includes offensive procedures for mitigation of hazardous materials spills, leaks and exposures. Topics include chemistry, detection devices, advanced recognition and identification, pre-incident planning, incident management, scene evaluation and termination, terrorism, toxicology, medical surveillance, emergency care, PPE usage and limitations, and decontamination.

Emergency Response to Terrorism: Operations (16 hours)

This course takes a risk-based personal scene safety and health approach to incidents of terrorism involving chemical and biological agents, nuclear, radioactive and explosive devices, and their impact on first responders. This course encourages student participation through a variety of team activities, class discussions, case studies and workbook tasks, as well as a practical exercise. This interactive, problem-solving approach to adult learning encourages critical thinking. In addition, the course incorporates operations-level hazardous materials

refresher information throughout each unit, reinforcing basic response protocols.

Hazmat Confined Space

Confined Space Operations (24 hours)

This level of training focuses on defensive support procedures for fire fighters and emergency responders. Topics include confined space regulations, pre-incident planning, potential hazards, ventilation procedures, PPE monitoring and detection devices and emergency trench operations. Meets or exceeds OSHA (29 CFR 1910.146) for operational and trench support duties.

Confined Space Rescue (40 hours)

This training includes the information contained in the operations-level training, and expands to include offensive procedures. Topics include confined space regulations and standards, responder health and safety, PPE, monitoring and detection devices, ventilation techniques, patient care and transport, retrieval systems and specialized trench rescue procedures. Meets or exceeds OSHA (29 CFR 1910.146) for entry and trench rescue duties.

Health and Safety Training

Infectious Diseases (8 hours)

This course provides specific instruction in the chain of infection, laws and standards and the personal protective measures available to emergency responders for the prevention of airborne and blood-borne pathogens.

Frontline Safety (16 hours)

This two-day course gives students the opportunity to examine their own values, those of their work team, and those of their organization when it comes to safety. Students learn about the National Fire

Fighter Near-Miss Reporting System and the National Institute for Occupational Safety and Health's Fire Fighter Fatality Investigation and Prevention Program, which provides information about the causes of fire fighter injuries and fatalities. Students also learn strategies they can use to demonstrate safety is their primary value. The purpose of the course is to help decrease the number of injuries and deaths experienced by the fire service by helping students become safety leaders or advocates for safe behavior.

Avian and Pandemic Influenza (1.5 hours)

This is an interactive course that helps students prepare for a pandemic by identifying the differences between seasonal, epidemic and pandemic infections with a concentration on avian flu. This class will describe the role of the safety/infection control and prevention officers before and after a pandemic, as well as how to protect themselves and their patients. Topics include: describing the symptoms; potential effects of avian flu; how it is spread; proper decontamination procedures; and the importance of seasonal flu vaccination.

Refresher Training

Chemical Process Industries (8 hours)

The revised Chemical Process Industries curriculum is designed to reduce first responder injuries and fatalities during response to incidents at chemical plants, ethanol plants and refineries. Funded by a grant from the Department of Labor/OSHA, this course trains first responders to use the Analyze, Plan, Implement and Evaluate (APIE): A Risk-Based Response Process, and serves as refresher training for all fire fighters – not just those dedicated to hazardous materials response units.

Emergency Response to Terrorism: Operations (16 hours)

This course takes a risk-based personal scene safety and health approach to incidents of terrorism involving chemical and biological agents, nuclear, radioactive and explosive devices, and their impact on first responders. This course encourages student participation through a variety of team activities, class discussions, case studies and workbook

tasks, as well as a practical exercise. This interactive, problem-solving approach to adult learning encourages critical thinking. In addition, the course incorporates operations-level hazardous materials refresher information throughout each unit, reinforcing basic response protocols.

Specialty Training

Chemical Process Industries(8 hours)

The revised Chemical Process Industries curriculum is designed to reduce first responder injuries and fatalities during response to incidents at chemical plants, ethanol plants and refineries. Funded by a grant from the Department of Labor/OSHA, this course trains first responders to use the Analyze, Plan, Implement and Evaluate (APIE): A Risk-Based Response Process, and serves as refresher training for all fire fighters – not just those dedicated to hazardous materials response units.

Illicit Drug Labs (8 hours)

This course addresses the training needs caused by the proliferation of illegal labs across the United States. The program focuses on maintaining the health and safety of fire fighters and first responders during illegal lab responses. This eight-hour course is geared toward the responders closest to the incident. Topics include recognizing and identifying illegal drug lab hazards, exposure, PPE, the role of the fire department and scene management.

Instructor Training (Train-the-Trainer) (8-40 hours)

The IAFF has an updated 16-hour adult educational methodology course that teaches adult learning principles and facilitation skills. The two-day course is delivered following one or more of the IAFF's training programs. The Train-the-Trainer allows instructors multiple opportunities to practice presentations and small group activities, and receive critiques/analyses of their deliveries. Instructors will be provided with the tools they need to effectively deliver training for fire fighters and other emergency responders who must operate in a team-based response environment.

IAFF's Programs are Funded by and Partnered with:

National Occupational for Safety and Health
National Institute of Environmental Health Sciences
Department of Homeland Security
Department of Transportation
U.S. Department of Labor
National Labor College
American Council of Education

**For more information on how to request training
and possible funding opportunities, please contact:**

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