

Custom All-Hazard Training Courses



Emergency Management ♦ Fire ♦ Hazardous Materials ♦ Health ♦ Improvised Explosive Devices/Explosive Ordnance Detonation
Incident Command ♦ Law Enforcement ♦ Maritime ♦ Technical Rescue ♦ Terrorism ♦ Weapons of Mass Destruction (WMD)



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Who We Are

CRA is a professional service consulting firm headquartered in Northern Virginia. Respected throughout the Nation as a leader in the field of homeland security, CRA clients turn to us for our expertise in public safety, emergency management, public health, law enforcement, and transportation security.

CRA PROVIDES

- Field-tested, experienced, and certified curriculum developers/instructors.
- Nationally recognized public safety, HazMat, WMD, and law enforcement experts.
- Application of the most current instructional design methodologies specifically geared to adult learners.
- Experience in conducting emergency training programs for defense and public safety personnel.

CRA OFFERS OUR CLIENTS PROFESSIONAL SERVICES THAT INCLUDE

- WMD, HazMat, and Security training programs, including needs and vulnerability assessments, curriculum development and delivery, audiovisual materials, and on-site training workshops and seminars.
- A full range of exercise support services to provide an opportunity for client target audiences to discuss and activate their emergency response capabilities, including training program effectiveness.
- Technical assistance services that analyze and build on information and lessons learned from training and exercise programs to help our clients move to the next step of improving and enhancing their current resources to better prepare themselves and their communities for acts of terrorism or natural disasters.
- Program development and assessment, providing content and technical skills to assist private- and public-sector clients in analyzing, monitoring, and improving their

emergency preparedness and response knowledge base and technical skills to better serve their communities and strengthen the Nation's homeland security.

- Facility security program evaluation, including survey and analysis, administrative policy, operational practices and procedures, and program outcomes.
- Information management and analysis. Our staff are experts in gathering, assessing, organizing, and efficiently disseminating vital information on terrorist cell operations. We also research and evaluate legislation, administrative policy, operational practices and procedures, and program outcomes relevant to homeland security and emergency response.

CRA STAFF MEMBERS ARE:

Experts in the demanding public safety arenas of law enforcement, weapons of mass destruction (WMD), counterterrorism, intelligence, emergency planning, hazardous materials (HazMat) and WMD response, victim services, fire and emergency medical services, and a host of public health program areas. Our professionals are nationally known for their expertise and are frequently asked to appear at government briefings, on national news broadcasts, and in other national forums. CRA's long-term client relationships are a reflection of our staff's expertise, dedication, and top quality they deliver. We are experts in policy making, program analysis and planning, field skills, training/conference support, and technical assistance. Coupled with CRA's expertise and skills is our ability to work well with our clients and government partners. CRA earned "Outstanding Contractor" in GSA's June 2007 report card.



Emergency Management

Emergency Management

Course Number — EM014 (TOD-208)

Tabletop Operational Scenarios

Based on our years of operational experience in military and civilian missions, we have the expertise and knowledge to develop specific tabletop and full operational training drills to help ensure your team is ready for real-world situations. We work with your command structure to develop drills that best fit your operational requirements and area of responsibility while integrating other agencies affected by the scenario. This practice ensures a smooth execution when the teams are deployed. Upon completion of the drill, we conduct a full debrief with team leaders and command, as well as provide a full written analysis for operational drills.

Discipline — Maritime

Area of Concentration — Emergency Management

Duration (Hrs) — TBD

Emergency Management

Course Number — EM015 (TOD-208)

Tabletop Operational Scenarios (from MRTT tactical)

Based on our years of operational experience in military and civilian missions, we have the expertise and knowledge to develop specific tabletop and full operational training drills to help ensure your team is ready for real-world situations. We work with your command structure to develop drills that best fit your operational requirements and area of responsibility while integrating other agencies affected by the scenario. This practice ensures a smoother execution when the teams are deployed. Upon completion of the drill, we conduct a full debrief with team leaders and command and provide a full written analysis for operational drills.

Discipline — All Hazard

Area of Concentration — Emergency Management

Duration (Hrs) — TBD

Fire

Fire

Course Number — FR001

Fire Incident Safety Officer

This course is an introduction to the duties as written by the requirements of the National Fire Protection Association (NFPA) 1521, Standard for Fire Department Safety Officer, 2002 edition. Course elements are designed to enable the student to identify and analyze health and safety aspects relating to their role as Incident Safety Officer in both emergency and non-emergency situations.

Discipline — Fire

Area of Concentration — Fire

Duration (Hrs) — TBD

Fire

Course Number — FR004

Aircraft Firefighting and Rescue

This course provides students with the fundamental knowledge and skills necessary to effectively handle an aircraft emergency. It develops the students knowledge of basic fire fighting and rescue principles. The course prepares the student to quickly respond to an aircraft crash site ready to suppress fuel spill fires, evacuate, and rescue passengers. The student will become proficient in extinguishing wheel, engine, interior cabin, and compartment fires. Instruction will be received in aircraft and airport familiarization, apparatus and equipment, planning and communications, aircraft fire fighting and rescue procedures, and hazardous materials.

Discipline — Technical Rescue

Area of Concentration — Fire

Duration (Hrs) — TBD

Fire

Course Number — FR002

Advanced Aircraft Firefighting

Standards and Requirements: Federal Aviation Requirement Part 139, National Fire Protection Association (NFPA), Department of Defense Instruction 6055.6, Department of Defense 6055.6M. Developed in compliance with NFPA 1003.

This course is designed to provide emergency personnel who are primarily responsible for Airport/Aircraft Fire Protection and Rescue with a basic understanding of how to safely handle aircraft incidents emergencies. Students will receive classroom instruction plus extensive field training. Topics include airport familiarization, fire behavior, safety, aircraft identification (civilian & military, fixed & rotary wing), fuel and hydraulic systems identification and operations, fire alarm and communications, mass casualty and basic tactics.

This course is offered with or without the live fire evolution. This final day meets the regulations of the FAA Part 139 for live fire training for aircraft rescue and firefighting personnel. Students will be provided with simulated interior and exterior firefighting opportunities as well as fuel spill scenarios. This class is for indexed on non-indexed airports.

Many hands on activities, case studies and group work. PPE and other specialty equipment may be required. Course requires 5 days (40 hours).

Discipline — Technical Rescue

Area of Concentration — Fire

Duration (Hrs) — 40

Hazardous Materials



Hazardous Materials

Course Number — HM001

Responding to Clandestine Drug Labs

This 8 hour program is specifically for fire/rescue and EMS personnel who must respond to possible illegal drug labs. The course meets and exceeds the current requirements of OSHA 1910.120 and NFPA standards that address awareness/operations training for response to drug labs. The course includes introduction to clandestine drug laboratories, methamphetamine, laboratory recognition, laboratory hazards, and responder safety.

Discipline — All Hazard

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM002

HAZMAT Operations

This course is designed to meet the criteria set forth in 29CFE1910.120 paragraph q and all NFPA 472 competencies for Operations level employees. The course goals are to give the student the ability to safely respond to a spill or release of a hazardous material using DEFENSIVE measures. Students will receive training equivalent to the Awareness level plus training in the following: hazard and risk assessment, personal protective equipment, control, containment and confinement techniques, basic decontamination and incident operations within an Incident Command System.

Discipline — Technical Rescue

Duration (Hrs) — 16

Hazardous Materials

Course Number — HM003

Hazardous Waste Operator Emergency Response (HAZWOPER)

A five day, forty-hour course designed to meet the criteria set forth in 29CFR1910.120 for Technician level employees. The course goals are to give the student the ability to safely respond to a spill or release of a hazardous material using both offensive and defensive techniques.

Students will receive training equivalent to the Operations level plus training in the following: implementing emergency response plans, using field survey equipment, Incident Command, selection and use of personal protective equipment, advanced leak and spill control, technical decontamination and termination procedures.

This course is appropriate for general site workers and those employees who will be responding to on site hazardous materials emergencies and implementing the parts of the spill control program that require OFFENSIVE operations.

Many hands on activities, case studies and group work. PPE and other specialty equipment may be required. Course requires 5 days (40 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Duration (Hrs) — 40

Hazardous Materials

Course Number — HM006

Precious Cargo Program (PC) (SOC)

Designed for the team that may have a need to move precious cargo including personnel, equipment, shapes or other items in all terrain environments.

5 days hands on training and classroom.

Discipline — Technical Rescue

Duration (Hrs) — 40

Hazardous Materials

Course Number — HM004

Hazardous Materials Emergency Response Team Training

A ten day, eighty-hour course designed to prepare personnel to serve on either a municipal or industrial Hazardous Materials Response Team at the technician level (dependent on locality having jurisdiction). This course meets all training requirements of OSHA 29CFR1910.120 paragraph q and all NFPA 472 competencies for technician level responders.

Students will become familiar with the basic aspects of chemistry, research, risk assessment, site safety planning, and action planning. They will become familiar with detection and monitoring procedures utilizing a broad range of equipment and techniques. Students will demonstrate the ability to select and use a variety of personal protective equipment up to and including "level A" vapor tight suits. Each student will learn the procedures for emergency and technical decontamination. The class offers instruction in advanced tactical control techniques, while utilizing an incident command system. Student safety is stressed during all practical exercises.

Pre-requisite: Hazardous Material Operations Level

Many hands on activities, case studies and group work. PPE and other specialty equipment may be required. Course requires 10 days (80 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Duration (Hrs) — 80

Hazardous Materials

Course Number — HM005

Hospital Decontamination Drills

Customized drills can be conducted for hospital employees to test the facility readiness to respond to an incident as well as procedures of the Emergency Response Plan. After the drill an after action report can be presented to the facility as an evaluation of their response.

Discipline — HOSP.

Secondary Area of Concentration (if applicable) — WMD

Duration (Hrs) — TBD

Hazardous Materials

Course Number — HM007

Hazardous Materials Incident Response: Illicit Lab Awareness

This 8 hour course will prepare hazardous materials responders within State and local emergency response agencies to train others in the general awareness and safety concerns if they happen upon an illicit lab in a manner consistent with established guidelines. This course expands upon NFPA 472 Awareness and Operations training.

The course will continue to challenge participants to safety analyze the incident and determine protective actions and notifications as well as develop a systematic approach to supporting a HazMat scene regarding illicit labs in which the public's safety is at risk. The course evolves from traditional problem-based classroom activities into a series of scenario-based practical exercises.

Discipline — HazMat

Duration (Hrs) — 8

Prerequisites — First Responder Operations (NFPA 472 – 2008 ed. or later)

Hazardous Materials

Course Number — HM008

Hazardous Materials Incident Response: Illicit Lab Operations (Methamphetamine)

This 32 hour course will prepare hazardous materials responders within State and local emergency response agencies to respond and operate safely at an illicit methamphetamine labs in an efficient manner consistent with established guidelines. This course meets and exceeds 2008 ed. of NFPA 472 (6.9 Mission-Specific Competencies: Response to Illicit Laboratory Incidents)

The course will continue to challenge participants to develop a systematic approach to managing a HazMat scene regarding illicit labs in which the public's safety is at risk. The course evolves from traditional problem-based classroom activities into a series of scenario-based practical exercises.

Discipline — HazMat

Duration (Hrs) — 32

Prerequisites — First Responder Operations (NFPA 472 – 2008 ed.) or Technician (2007 NFPA 472 – 2002 ed)

Hazardous Materials

Course Number — HM009

Hazardous Materials Incident Response: HazMedic Course

This course provides participants with advanced instruction and techniques for establishing CBRNE /HAZ MAT medical support by the emergency services or public safety departments (Fire-Rescue and Haz Mat teams) consistent with 2008 NFPA 472 (Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents) & 2008 NFPA 473 (Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents). The course will build on student's knowledge as an EMT/EMTP as well as their foundation knowledge of First Responder Operations (Hazmat) training and experience as active Haz Mat team members to refresh and increase their skills to detect, treat and monitor patient conditions during a CBRNE or other Haz Mat type responses. This course meets both Hazmat/WMD Basic Life support Responder as well as Hazmat/WMD Advanced Life Support Responder in NFPA 473 (2008 ed.)

Discipline — EMS

Duration (Hrs) — 40

Prerequisites — First Responder Operations (Hazmat), Preferred: Emergency Medical Technician or EMT-Paramedic, Haz Mat Technician

Hazardous Materials

Course Number — HM010

Hazardous Materials Incident Response: Hazmat/WMD Technician 160

This 160 hour course will further prepare hazardous materials responders within State and local emergency response agencies to respond and operate safely at weapons of mass destruction (WMD) and hazardous materials (HazMat) incidents in an efficient manner consistent with established guidelines.

The course will continue to challenge participants to develop a systematic approach to managing a HazMat/WMD scene in which the public's safety is at risk. The course evolves from traditional problem-based classroom activities into a series of scenario-based practical exercises

This course contains 80 hours of fundamental and advanced hazardous materials training as well as 40 hours of focused practical chemistry for the emergency responder and 32 hours dedicated to response to Chemical, Biological, Radiological/Nuclear, and Explosive events. The course concludes with 2 final exercises and written exam derived from NFPA 472 (2008 edition) as well as Department of Homeland Security's Universal Task Lists and National Planning Scenarios.

Discipline — HazMat

Secondary Area of Concentration (if applicable) — WMD

Duration (Hrs) — 160

Prerequisites — First Responder Operations (Hazmat) or equivalent.

Hazardous Materials

Course Number — HM011

Hazardous Materials Incident Response: Technician 80

This 80 hour course will prepare hazardous materials responders within State and local emergency response agencies to respond and operate safely at weapons of mass destruction (WMD) and hazardous materials (HazMat) incidents in an efficient manner consistent with established guidelines.

The course will challenge participants to develop a systematic approach to managing a HazMat/WMD scene in which the public's safety is at risk. The course evolves from traditional problem-based classroom activities into a series of scenario-based practical exercises

This course in conjunction with the HMIR: Chemistry (40hour); HMIR WMD Technician (32 hour) and HMIR: Final Exercise and Exam(8 hours) meet the requirements of the HMIR: Hazmat/WMD Technician 160 hour course.

Discipline — HazMat

Duration (Hrs) — 80

Prerequisites — HMIR Hazmat Technician I (40 hour course) or equivalent Hazardous Materials

Hazardous Materials

Course Number — HM012

Hazardous Materials Incident Response: Technician II (40 hours)

This 40 hour course will further prepare hazardous materials responders within State and local emergency response agencies to respond and operate safely at weapons of mass destruction (WMD) and hazardous materials (HazMat) incidents in an efficient manner consistent with established guidelines.

The course will continue to challenge participants to develop a systematic approach to managing a HazMat/WMD scene in which the public's safety is at risk. The course evolves from traditional problem-based classroom activities into a series of scenario-based practical exercises

This course in conjunction with the HMIR: Technician I (40 hours); HMIR: Chemistry (40hour); HMIR WMD Technician (32 hour) and HMIR: Final Exercise and Exam(8 hours) meet the requirements of the HMIR: Technician 160 hour course.

Discipline — HazMat

Duration (Hrs) — 40

Prerequisites — HMIR Hazmat Technician I (40 hour course) or equivalent

Hazardous Materials

Course Number — HM013

Hazardous Materials Incident Response: Technician I (40 hour)

This 40 hour course will further prepare hazardous materials responders within State and local emergency response agencies to respond and operate safely at weapons of mass destruction (WMD) and hazardous materials (HazMat) incidents in an efficient manner consistent with established guidelines.

The course will continue to challenge participants to develop a systematic approach to managing a HazMat/WMD scene in which the public's safety is at risk. The course evolves from traditional problem-based classroom activities into a series of scenario-based practical exercises

This course in conjunction with the HMIR: Technician I (40 hours); HMIR: Chemistry (40hour); HMIR WMD Technician (32 hour) and HMIR: Final Exercise and Exam(8 hours) meet the requirements of the HMIR: Technician 160 hour course.

Discipline — HazMat

Duration (Hrs) — 40

Prerequisites — HMIR Hazmat Technician I (40 hour course) or equivalent

Hazardous Materials

Course Number — HM034

Hazardous Materials Incident Response: Technician II (40 hours) - STCI

This course adds to the initial 40 hour HMIR: Technician I Course. The topics include specific training on a variety of fixed site and transportation topics an emergency responder is likely to encounter.

Instruction and practical application is included on the following topics: radiological packages, chlorine 1-ton and 150 lb. cylinders, advanced drum patching/handling, highway cargo tanks, railroad tank cars (including Cl), product transfer operations, gasoline tank truck procedures, waterway spill mitigation, and above ground storage tanks.

Discipline — HazMat

Duration (Hrs) — 40

Hazardous Materials

Course Number — HM014

Hazardous Materials Incident Response: Decontamination Operations Train-the-Trainer

This two-day training program was designed to provide First Responder: Operations (FRO) trained personnel with the knowledge and skills to perform technical, emergency and mass decontamination. Training FRO personnel with this course frees up the hazmat technicians to perform additional downrange tasks. This program is at the operations level and complies with training requirements for personnel as contained in OSHA's 29 CFR 1910.120 (HAZWOPER Standard). Upon completion of this program, participants will be able to:

Describe key issues involved in receiving chemically contaminated patients. Define toxicological terms as they relate to the treatment of a contaminated patient. Define the effect chemicals may have on a contaminated patient utilizing the dose-response relationship. List the human target organ systems which may be affected in the contaminated patient. List the equipment needed to provide for the safe and effective decontamination of a patient. Demonstrate the proper use of chemical protective clothing used by emergency response personnel during decontamination procedures. Demonstrate the use of special respiratory protection equipment for use during decontamination procedures. Demonstrate the proper set-up of the 4 primary types of decontamination (Emergency, Technical, Mass and Equipment). Demonstrate safe and effective decontamination of patients, personnel, equipment, and facilities. Describe the roles and responsibilities of decon personnel as they relate to incident management and establishing decontamination facilities to conduct decontamination.

Discipline — HazMat

Duration (Hrs) — 16

Prerequisites — Hazardous Materials Operations Train-the-Trainer. Currently : Hazardous Materials Operations, Certified Fire Service Instructor

Hazardous Materials

Course Number — HM015

Transportation of Hazardous Materials (24 hours)

This is an updated workshop on the safe transportation of hazardous wastes and hazardous substances. This three-day training program is for those persons in careers involving traffic, logistics, and waste management. The workshop offers a strong regulatory background in the applicable regulations of agencies such as the Department of Transportation, the Environmental Protection Agency, and the Occupational Safety and Health Administration. Participants will utilize a regulation matrix that allows for easily understanding which agency is in charge of on-site and off-site waste and substance classification, packaging, and transportation. This workshop would be useful for experienced and inexperienced personnel since many work projects will offer opportunities to use the regulations without concerns regarding inspection or possible federal penalty.

Discipline — HazMat

Duration (Hrs) — 24

Hazardous Materials

Course Number — HM016

Hazardous Materials Incident Response: WMD Technician (32 hours)

This course focuses on practical application of response to a WMD event. The course content is taught by responders and nationally known Subject Matter Specialist. The course includes practical application of the topics taught during the classroom sections. Sections include; Chemical WMD Response, Biological WMD Response, Radiological WMD Response, and Explosive WMD Response

Discipline — HazMat

Secondary Area of Concentration (if applicable) — WMD

Duration (Hrs) — 32

Hazardous Materials

Course Number — HM017

Hazardous Materials Incident Response: Technician Refresher (8 hours)

This course provides the student with an opportunity to perform work practices at the Hazardous Materials Technician level. This course is designed to reinforce good work habits and skills during entry into a hazardous environment. This course will provide both a PPE lecture and update and in-suit time for students in a leak control exercise. During the course the students will have several work sessions in Level A and Level B protective ensembles.

Discipline — HazMat

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM018

Hazardous Materials Incident Response: CLANWOPER

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Hands-on training in safe response, management and cleanup or clandestine drug laboratory and clandestine drug laboratory hazardous waste disposal sites. We also address: Advanced Hazard Identification, Monitoring Equipment, Scene Safety, Scene Security, Personal Protective Equipment (selection and use), and Technical and Emergency Decontamination. Time is spent discussing common lab elements as well as compare and contrast to CBRNE Clandestine Laboratories. Anti-personnel devices and improvised explosive devices (IED's) are discussed along with case studies on their implementation in illicit labs. Organizational specific requirements can also be added to the course as needed.

Discipline — HazMat

Duration (Hrs) — 40

Hazardous Materials

Course Number — HM019

Hazardous Materials Incident Response: Technician Chemistry (40 hours)

The Hazardous Materials Incident Response: Technician (Chemistry) program have been developed to address 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response and the 2008 edition of NFPA 472 requirements for Hazardous Materials Technician. This is one part of the HMIR: Technician (160 hour) Program

We use the Chemistry section of the IAFF Hazmat Technician Program augmented with a textbook Hazardous Materials Chemistry by Armando Bevelacqua.

Included in this training course are activities which reinforce the concepts presented throughout the course. These include:

Over 30 practical exercises (laboratory and outside activities)
Understanding and use of the Periodic Table of Elements
The Octet Law of bonding and its application to chemical and physical properties
Salts and non-salts
Chemical terminology
Drawing molecular structures
Hydrocarbon derivatives and their properties

Discipline — HazMat

Duration (Hrs) — 40

Hazardous Materials

Course Number — HM020

Hazardous Materials Incident Response: Specialist - WMD MCI (8 hours)

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Mass casualty considerations, atypical transport of victims, decontamination of mass victims, treatment protocols for exposure, evidence collection for law enforcement, planning for the WMD MCI and recovery from the WMD event.

Discipline — HazMat

Secondary Area of Concentration (if applicable) — WMD

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM021

Hazardous Materials Incident Response: Specialist - WMD (24 hours)

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Hazard Identification, Monitoring equipment, Scene Safety, Anti-personnel devices, PPE for WMD, and Emergency/Mass Decontamination of WMD victims.

Discipline — HazMat

Secondary Area of Concentration (if applicable) — WMD

Duration (Hrs) — 24

Hazardous Materials

Course Number — HM022

Hazardous Materials Incident Response: Specialist - Technical References (24 hours)

The Hazardous Materials Incident Response: Specialist - Technical References training course consists of activities which reinforce the concepts presented throughout the course. These include: Hazard Identification and use of specific reference materials used by different agencies to provide information and decision making on the scene. We use several types of equipment to perform this course depending on your jurisdiction and teams capabilities. This course can be modified to train students on your specific tools from computer based references, hand held PDA devices to standard reference texts. We have added HazRAE Systems and equipment to these courses as needed by specific locations.

Discipline — HazMat

Duration (Hrs) — 24

Prerequisites — HMIR: Technician or course equal to the existing standards and it is strongly suggested that you have college chemistry.

Hazardous Materials

Course Number — HM023

Hazardous Materials Incident Response: Specialist - Advanced Monitoring & Detection

The Hazardous Materials Incident Response: Specialist - Advanced Monitoring and Detection Devices training course consists of activities which reinforce the concepts presented throughout the course. These include: Hazard Identification and use of specific monitoring equipment used by different agencies to provide information and decision making on the scene. We use several types of equipment to perform this course depending on your jurisdiction and teams capabilities. This course can be modified to train students on your specific tools from HAPSITE GC/MS and direct reading instruments to standard colorimetric devices. We have added RAE Systems equipment certifications to these courses as needed by specific locations.

Discipline — HazMat

Duration (Hrs) — TBD

Prerequisites — HMIR: Technician or course equal to the existing standards and it is strongly suggested that you have college chemistry.

Hazardous Materials

Course Number — HM025

Hazardous Materials Incident Response: Specialist - Chlorine

The Hazardous Materials Incident Response: Specialist - Chlorine program has been developed to address 29 CFR 1910.120 and the 2008 edition of NFPA 472 requirements.

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Properties of Chlorine, Use of containment equipment (A, B, and C kit) Special problems with negative pressure equipment, PPE selection, and remediation activities.

Discipline — HazMat

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM024

Hazardous Materials Incident Response: Specialist - Compressed Gases (24 hours)

Safety Training and Consultations communicates the hazards of compressed gasses from the moment your employees witness the devastating effects of a compressed gas cylinder crashing through an eight-inch cement block wall, they'll have an increased awareness and respect for the hazards associated with compressed gas cylinders.

During the three day program, beginning with a video training aid showing a dramatic demonstration of how improper handling of cylinders can cause damage and injury. This course is exciting and educational, and both the lecture, hands on practicals and the video footage is relevant to all workers who handle and work around gas cylinders.

Discipline — HazMat

Duration (Hrs) — 24

Hazardous Materials

Course Number — HM026

Hazardous Materials Incident Response: Sampling Techniques and Guidelines (8 hours)

The Hazardous Materials Incident Response: Sampling Techniques and Guidelines program have been developed to address 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response; the 2008 edition of NFPA 472 requirements for Hazardous Materials Technician and current sampling requirements of federal, state, and local law enforcement.

The course is designed to teach effective, consistent, and practical procedures necessary in surveying and sampling for chemical and biological incidents. These procedures will teach consistent, protocol-driven processes that will guide responders and investigators (law enforcement/justice, public health, and animal health) as they manage the event. Students will learn uniform sample/specimen handling (chain-of-custody), analysis, and reporting. The procedures demonstrate rationale designs based on fundamental understanding of the biology of the agents and their persistence in the environment, coupled with sound forensic practices that are consistent with established law enforcement investigative processes. Applicable standards and regulations outlining the core competencies at the Technician Level for emergency responders are used in modifying and delivering this course.

Discipline — HazMat

Duration (Hrs) — 8

Prerequisites — Certified HazMat Technicians and must have successfully completed a WMD Operations (Performance level A) training course.

Hazardous Materials

Course Number — HM027

Hazardous Materials Incident Response: Safety Officer (24 hours)

The Hazardous Materials Incident Response: Safety Officer program has been developed to address 29 CFR 1910.120.

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Managing Scene Safety, Personal Protective Equipment Safety Concerns, Crew Integrity and Accountability, Site Safety Plan Construction (Review and Interpretation), Injury and Exposure Documentation, Medical Surveillance Planning and Post Incident Review Requirements. Additional topics also include: Incident Oversight for Safe Chemical Field Analysis and Monitoring; Risk Management and Overall Incident Safety Principles; Departmental and Personal Legal Liabilities; Safety Briefings (Content, Format, Delivery and Review) along with practical field exercises.

Discipline — HazMat

Duration (Hrs) — 24

Hazardous Materials

Course Number — HM028

Hazardous Materials Incident Response: Operations (8-24 hours)

The Hazardous Materials Incident Response: Operations program has been developed to address 29 CFR 1910.120 and the 2008 edition of NFPA 472 requirements for Hazardous Materials Operations First Responder CORE competencies requirements and can be adjusted for mission-specific competencies including: Use of PPE; Technical Decontamination; Mass Decontamination; Product Control; Air Monitoring and Sampling; Victim Rescue and Recovery operations; Evidence and Sampling Operations; and Illicit Laboratory Incidents. Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Hazard Identification, Scene Safety, Basic Personal Protective Equipment, and Emergency Decontamination.

Discipline — HazMat

Duration (Hrs) — 8-24

Hazardous Materials

Course Number — HM029

Hazardous Materials Incident Response: Instructor (40 hours)

The Hazardous Materials Incident Response: Instructor programs have been developed to address the training needs in 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response and the 2008 edition of NFPA 472.

Included in this course are activities which reinforce the concepts presented throughout the course. Depending on which course you want to be certified to instruct, you must first have successfully completed those STCI courses. You may then attend either the five-day instructor certification course for first time trainers, or the 20 hour course for those with previous training experience.

Discipline — HazMat

Duration (Hrs) — 40

Hazardous Materials

Course Number — HM030

Hazardous Materials Incident Response: Incident Management (16 hours)

The Hazardous Materials Incident Response: Incident Management program has been developed to address 29 CFR 1910.120 and the 2008 edition of NFPA 472 requirements for Hazardous Materials Incident Command.

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: I-100, 1-700, Incident Action Planning, Hazard Identification, Scene Safety, Basic Personal Protective Equipment, Considerations and Actions, Pre-planning the Hazmat Event, Inter-agency cooperation, and Emergency Decontamination Operations.

Discipline — HazMat

Duration (Hrs) — 16

Prerequisites — HMIR: Operations or equivalent training.

Hazardous Materials

Course Number — HM031

Hazardous Materials Incident Response : Decontamination Operations

This two-day training program was designed to provide First Responder: Operations (FRO) trained personnel with the knowledge and skills to perform technical, emergency and mass decontamination. Training FRO personnel with this course frees up the hazmat technicians to perform additional downrange tasks. This program is at the operations level and complies with training requirements for personnel as contained in OSHA's 29 CFR 1910.120 (HAZWOPER Standard). Upon completion of this program, participants will be able to: Describe key issues involved in receiving chemically contaminated patients. Define toxicological terms as they relate to the treatment of a contaminated patient. Define the effect chemicals may have on a contaminated patient utilizing the dose-response relationship. List the human target organ systems which may be affected in the contaminated patient. List the equipment needed to provide for the safe and effective decontamination of a patient. Demonstrate the proper use of chemical protective clothing used by emergency response personnel during decontamination procedures. Demonstrate the use of special respiratory protection equipment for use during decontamination procedures. Demonstrate the proper set-up of the 4 primary types of decontamination (Emergency, Technical, Mass and Equipment). Demonstrate safe and effective decontamination of patients, personnel, equipment, and facilities. Describe the roles and responsibilities of decon personnel as they relate to incident management and establishing decontamination facilities to conduct decontamination.

Discipline — HazMat

Duration (Hrs) — 16

Hazardous Materials

Course Number — HM032

Hazardous Materials Incident Response: Branch Officer (16 hours)

The Hazardous Materials Incident Response: Hazmat Branch Officer program has been developed to address 2008 edition of NFPA 472 requirements for Hazardous Materials Branch Officer.

Included in this training course are activities which reinforce the concepts presented throughout the course. These include: Management of the Hazmat Branch, the IMS System components, Considerations and Actions, Hazard Analysis, and Resource Utilization.

Discipline — HazMat

Duration (Hrs) — 16

Hazardous Materials

Course Number — HM033

Hazardous Materials Incident Response: Awareness

The Hazardous Materials Incident Response: Awareness program has been developed to address 29 CFR 1910.120 and the 2008 edition of NFPA 472 requirements for Hazardous Materials Awareness First Responder.

Included in this training course are activities which reinforce the concepts presented throughout the course. Students will also learn how to use the 2008 Emergency Response Guidebook.

Discipline — HazMat

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM035

Hazardous Materials Incident Response: Specialist - Hazard Identification (8 - 32 hours)

The Hazardous Materials Incident Response: Specialist - Hazard Identification training course consists of activities which reinforce the concepts presented throughout the course. These include: Hazard Identification and use of monitoring equipment to provide information and decision making on the scene. We use several types of equipment to perform this course depending on your jurisdiction and teams capabilities. This course can be modified to train students on your specific tools from HAPSITE GC/MS and direct reading instruments to standard colorimetric devices. We will soon be adding RAE Systems equipment certifications to these courses as needed by specific locations.

Discipline — HazMat

Duration (Hrs) — 8-32

Prerequisites — HMIR: Technician or course equal to the existing standards and it is strongly suggested that you have college chemistry.

Hazardous Materials

Course Number — HM036

Hazardous Materials Incident Response: Decontamination Operations for Fixed Facilities

A two-day training program designed to provide participants with the knowledge and skills necessary to conduct decontamination training for hospital personnel with the responsibility for decontaminating patients. This program is at the operations level and complies with training requirements for hospital personnel as contained in OSHA's 29 CFR 1910.120 (HAZWOPER Standard).

Upon completion of this program, participants will be able to: Describe key issues involved in receiving chemically contaminated patients. Conduct an initial assessment of a chemically contaminated patient. Utilize the hospital's hazardous materials information resources. Define toxicological terms as they relate to the treatment of a contaminated patient. Define the effect chemicals may have on a contaminated patient utilizing the dose-response relationship. List the human target organ systems which may be affected in the contaminated patient. List the equipment needed in the emergency department to provide for the safe and effective decontamination of a patient. Demonstrate the proper use of chemical protective clothing used by hospital personnel during patient decontamination procedures. Demonstrate the use of special respiratory protection equipment for use during decontamination procedures. Demonstrate the proper set-up of internal and external decontamination facilities. Demonstrate safe and effective decontamination of patients, personnel, equipment, and facilities. Describe the roles and responsibilities of hospital personnel as they relate to incident management and establishing decontamination facilities to conduct patient decontamination.

Discipline — HazMat

Duration (Hrs) — 16

Hazardous Materials

Course Number — HM037

Chemical Protective Clothing Training Course

This 8 hour program is designed to assist the first responder in assessing an incident scene involving a CBRNE and then taking appropriate actions for rescuing victims. The information and practical skills provided will enhance the responder's ability to safely and effectively rescue victims of the incident as well as providing self protection.

Discipline — All Hazard

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM039

Chemical Protective Clothing for Law Enforcement

This 8 hour program will familiarize the Law Enforcement responder with an overview of Hazardous Materials/WMD response, the current version of the Emergency Response Guidebook, and refresh on the skills necessary to use protective clothing issued by Authority Having Jurisdiction (AHJ). This class will include a hands-on portion to demonstrate competency in the donning and doffing of the PPE requirements provided by the AHJ.

Discipline — Law Enforcement

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM038

Chemistry of Hazardous Materials

The course provides a sound understanding of the basic chemistry of hazardous materials. Directed at the underlying reasons for chemical behavior of hazardous materials, the course is designed to improve decision-making, safety during operations and handling of these materials, and in predicting how materials will behave under incident conditions. The class is heavily chemistry-oriented.

Discipline — HazMat

Duration (Hrs) — 80

Hazardous Materials

Course Number — HM040

Mass Decontamination Procedures

This program is designed to meet the needs of the first arriving emergency response units who may be faced with an overwhelming number of contaminated victims. Upon arrival, the officer will be faced with many decisions. The decontamination of multiple civilian casualties requires the implementation of effective methods with due consideration of citizen safety, modesty, and sensibility. The idea that first arriving units will simply open up on the crowd with deck guns or straight streaming victims is wrong and must be dispelled. This program will provide the first responder with a tool they can use when arriving first on the scene.

Discipline — All Hazard

Secondary Area of Concentration (if applicable) — WMD

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM041

Decontamination for the First Responder

This 8 hour program is designed to meet the needs of the emergency responders who may be faced with an overwhelming number of contaminated victims. Upon arrival, personnel will be faced with many decisions. The decontamination of multiple civilian casualties requires the implementation of effective methods with due consideration of citizen safety, modesty, and sensibility.

Discipline — All Hazard

Duration (Hrs) — 8

Hazardous Materials

Course Number — HM043 (WRD-301)

Boom Deployment

The Boom Deployment course is designed to meet the safety and training requirements of those responders who must be able to deploy floating booms in a variety of weather and water conditions in safe and effective manner. This 8 hour program covers basic boat operations, Personal Protective Equipment (PPE) considerations, and various techniques associated with successful boom deployment. Student must be prepared to engage in strenuous activities in extreme weather and water conditions. If a student has a known medical condition that could foreseeably jeopardize his or her safety during participation, or be aggravated by participation, the student should not participate.

Discipline — Maritime

Duration (Hrs) — 8

Prerequisites — On Line Safe Boating Course

Health

Health

Course Number — HE001

Hospital First Receivers Operations

This one day, eight hour program is designed to meet the OSHA Best Practices for Hospital-Based First Receivers of Victims from Mass Casualty Incidents Involving the Release of Hazardous Substances. The student will become familiar with Emergency Preparedness, Hazard Communications, Respiratory Protection, Chemical Protective Equipment, and Decontamination Procedures. Practical evolutions will be conducted during this program utilizing hospital's equipment to allow students hands on training in equipment use.

Course designed for Hospital Employees who will perform decontamination for the hospital as well as any employees who will be operating in protective equipment outside during the receiving of patients. Course requires instructor ratio of 10:1.

Discipline — Technical Rescue

Area of Concentration — Health

Duration (Hrs) — 8

Health

Course Number — HE002

Hospital First Receivers

This half day, four hour program is designed for hospital employees who may be in a position to identify the arrival of unannounced victims from an incident involving the release of a hazardous substance. Students will learn procedures for proper notification, safe distance practices, and how to limit the contamination of the hospital facility.

Course is designed for Hospital Employees who during the course of daily duties may be presented with a contaminated person.

Discipline — Technical Rescue

Area of Concentration — Health

Duration (Hrs) — 4

Improvised Explosive Device (IED)

Improvised Explosive Device

Course Number — IED001

Emergency Response To Bomb Threats

Anyone who deals with the business customer has the potential to be the receiver of a terrorist threat in corporate America. Due to the broad scope of the subject matter, this course can be used to address the training needs of those without prior training or experience in the area of terrorist activities. Trained employees will be able to provide valuable information to the supervisory staff as well as those public service agencies responding to your incident.

Discipline — All Hazard

Area of Concentration — IED/EOD

Duration (Hrs) — 8

Improvised Explosive Device

Course Number — IED002

UXO (Unexploded Ordnance) Course - 40 hr

A course designed specifically for the Bomb Technician or those who may be responsible for handling unexploded Military Ordnance. This is a 24 or 40 hour course that will give participants the information and hands on training needed to address and understand these potentially dangerous situations.

Discipline — All Hazard

Area of Concentration — IED/EOD

Duration (Hrs) — 40



Improvised Explosive Device

Course Number — IED011

UXO (Unexploded Ordnance) Course - 24 hr

A course designed specifically for the Bomb Technician or those who may be responsible for handling unexploded Military Ordnance. This is a 24 or 40 hour course that will give participants the information and hands on training needed to address and understand these potentially dangerous situations.

Discipline — All Hazard

Area of Concentration — IED/EOD

Duration (Hrs) — 24

Improvised Explosive Device

Course Number — IED008

HME/Chemical Precursors Course

A P.O.S.T (Peace Officer Standards and Training) approved course that will provide a thorough understanding of the varying kinds of Home Made Explosives (HME). The course will cover encountered explosives created either by persons intentionally and illegally crafting these materials, or by personnel working in industries and academia unintentionally creating them through blunders or errors. Operational Resources International has teamed with the University of Denver School of Engineering and Computer Science to conduct research, testing, data collection, and development of procedures in handling these dangerous explosives. Operational Resources International has worked closely with chemists and engineers from the University to produce a course that is not only informative but that includes safe and practical hands on training. The following courses are currently offered involving Home Made Explosives:

BOMB TECHNICIANS, EXPLOSIVE SPECIALISTS, AND EXPLOSIVE HANDLERS (5 DAYS)

MILITARY EOD (5 DAYS)

FIRST RESPONDERS OR CORPORATE SECURITY (3 DAYS)

K-9 HANDLERS (3 DAYS)

Discipline — All Hazard

Area of Concentration — IED/EOD

Duration (Hrs) — TBD

Improvised Explosive Device

Course Number — IED009

Explosive Breaching Operator and Safety Officer Course

This is a P.O.S.T (Peace Officer Standards and Training) approved basic explosive entry course that prepares students (Breachers) to safely and effectively support tactical operations using explosives to affect entry. This course offers advanced safety concepts based upon unique overpressure and fragmentation research and development that was conducted with the University of Denver School of Engineering and Computer Science. The course will teach operators and explosive specialists how to use explosives to breach structures while minimizing explosive hazards. The course is designed specifically for Law Enforcement and Military personnel who operate in environments where the safety of innocent persons, operators, and suspects is paramount.

Students must provide adequate documentation of explosives training prior to attending this course. This may include current Hazardous Device School certification, Military EOD training, other military explosive training, or ORI's Tactical Explosive Handling Course.

Discipline — Law Enforcement

Area of Concentration — IED/EOD

Duration (Hrs) — TBD

Improvised Explosive Device

Course Number — IED012

Improvised Explosive Devices (IED) Awareness and Threat Management

This course is designed for First Responders, Corporate or any organization that due to the nature of their business is in need of training of recognizing the dangers of an IED and how to manage such an incident. The Course will also cover Bomb Threat Management and if needed a proper Vulnerability/Threat Assessment of the organization.

Discipline — All Hazard

Area of Concentration — IED/EOD

Duration (Hrs) — TBD

Prerequisites

Improvised Explosive Device

Course Number — IED010

Bomb Tech Hazmat Operations

Bomb Technicians are specialized first responders who are called to a scene like other Hazardous Materials Operations Level responders, but these specialized personnel perform specific functions within the context of a larger incident command structure. These personnel need training to protect them, protect others, and work as a cohesive unit in an operation. Bomb Technicians may be the first on scene, and should be trained to respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the release from a safe distance, keep it from spreading, and prevent exposures. These are personnel who respond to the release of hazardous materials with the purpose of protecting nearby persons, property, or the environment from the effects of the release. This course provides classroom instruction and practical field exercises to enhance overall safety and effectiveness. The required subjects to meet the minimum OSHA training requirements include:

* Knowledge of the basic hazard and risk assessment techniques * Knowledge of selection and use of proper PPE provided to the first responder operational level. * An understanding of basic hazardous materials terms. * Know how to perform basic control, containment and/or confinement operations within the capabilities of the resources and personal protective equipment available with their unit. * Know how to implement basic decontamination procedures. * An understanding of the relevant standard operating procedures and termination procedures.

Discipline — Law Enforcement

Area of Concentration — IED/EOD

Secondary Area of Concentration (if applicable) — HazMat

Duration (Hrs) — 80

Incident Command

Incident Command

Course Number — IC001

Incident Safety Officer (NFPA 1521)

The course provides emergency response personnel with a solid foundation and knowledge to identify and analyze safety concerns and to communicate recommended solutions to the command authority. Students focus on emergency scene operations within the Incident Command System. Participants will gain confidence in their abilities to handle a variety of emergency situations through classroom exercises.

Discipline — All Hazard

Duration (Hrs) — 16

Incident Command

Course Number — IC002

WMD Incident Command

A one-day, eight-hour course designed to prepare incident commanders and company officers to respond effectively to WMD events involving chemical, biological, and nuclear weapons. Discussions will include: preparedness, training, SOP/SOG development, operating capabilities of outside agencies, media issues, resource acquisition and management, personal protective equipment, logistics, security issues, site safety and action planning.

This course is primarily designed to address the needs of fire service personnel, emergency medical services providers and hazardous materials responders, all trained to at least the operations level of hazardous materials response. Due to the broad scope of the subject matter, the course can be used to address the needs of those without prior hazardous materials training and provide benefits to law enforcement personnel, emergency communications personnel, emergency management personnel, public works management, public health workers, armed forces and disaster response agencies.

Classroom style lecture including real life case studies and instructor experiences. Course requires a day (8 hours) and is limited to 30 students.

Discipline — All Hazard

Secondary Area of Concentration (if applicable) Incident Command

Duration (Hrs) — 8

Incident Command

Course Number — IC004

Why Leadership Fails – 4 hours

Leadership is a value, much like family values that are passed on from generation to generation. Pass on the wrong values and you establish a dysfunctional organization (family) that consumes itself with poor decision-making, favoritism, poor direction and other dysfunctional characteristics of organizations gone wrong. Lets examine what we can do to short circuit poor leadership and establish a functional base where leaders can grow and prosper.

Discipline — All Hazard

Duration (Hrs) — 4

Incident Command

Course Number — IC003

Leadership - Buddy to Boss

Leadership is about understanding yourself and others. It's about coming to work everyday prepared to be an "everyday Leader". Combined with leadership is the ability to effectively use management tools and techniques provided to you by the organization to assist you. This course is for members seeking promotion, front line officers, Battalion Chiefs and anyone in a leadership role that wants a solid foundation from which to work, lead and prosper.

Chief, What Your Members Want from You

Chief officers at every level of the organization reach that level for a wide range of reasons. When, as Chief Officers, we fail to recognize the importance, influence and commitment our front line members must provide to assure the organization is successful, we begin a failure process that we will not recover from quickly. Understanding what people in your organization need and desire is critical to your success. Examine humanistic issues, training, discipline, leadership roles and education from an entirely different perspective.

Course is one day (8 hours).

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — IC008

Organizational and Operational Risk Management

This class will provide course instruction on the organizational (theory) and operational (practical) applications of risk management. The course can be provided in segments of one and a half (1) hours, four (4) hours, or eight (8) hours. The focus will be safety and health components of risk management. This course will include risk management issues for all emergency service personnel. This course provides an understanding of organizational and operational risk management for a fire department, industrial fire brigade, or other emergency services organization.

This process will also include how to develop a written risk management plan based upon the requirements of NFPA 1500, Standard for a Fire Department Occupational Safety and Health Program. The risk management plan will have a positive affect on the organization based upon the financial, liability, safety, and health components of risk management. Operationally, this process will discuss the variety of services that are provided by the emergency services organization and how to develop effective risk management strategies and tactics.

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — IC005

Risk Management 101

This is an efficient, one hour “crash course” in risk management designed for Command Officers, line officers and personnel and incident safety officers.

To provide a fundamental understanding of risk management and to provide an overview of risk management from a safety and survival aspect. At the completion of this course, students will have an understanding of the following topics: Define Risk Management, Classic Risk Management Model, Operational Risk Management, SOPs, Training, Equipment, Incident Scene Actions, Survivability, Systems Approach (All inclusive)

Expert one-hour overview of vital considerations in organizational risk management strategy. Frequently delivered at conferences and corporate training events. Powerful and realistic.

Discipline — All Hazard

Duration (Hrs) — 1

Incident Command

Course Number — IC006

Risk Management Planning Fundamentals

Designed for: Command Officers, Company Officers and Personnel, health and safety officers and incident safety officers.

This course will introduce the students to an overview of organizational (theory) risk management, the importance of developing and implementing a written risk management plan and the concepts and practical application of operational risk management for: Fire fighting, EMS, Hazardous materials mitigation and Special operations. This class will discuss: Define Risk Management, Written Risk Management Plan, Classic Risk Management Model, Financial and Liability Risk Management, Laws, Codes and Standards, Supervisor's Responsibility, Operational Risk Management, SOPs, Training, Equipment, Incident Scene Actions.

Lectures and group work. Course requires 4 hours and a classroom or conference room.

Discipline — Technical Rescue

Duration (Hrs) — 4

Incident Command

Course Number — IC007

Strategic Risk Management

Designed for: Chief officers, command officers, health and safety officers, incident safety officers and training officers. This course will provide the students with a basic introduction of risk management, which allows for the development of a written risk management plan for the student's organization. The development of this written risk management plan will insure that the student understands and recognizes the importance of this process. This class will cover the entire process of developing a risk management strategy and can be customized to your organization's needs.

Lectures and group work. Course requires 4-8 hours and a classroom or conference room.

Discipline — All Hazard

Duration (Hrs) — 4-8

Incident Command

Course Number — IC009

Hospital Emergency Incident Command System (HEICS)

This one day, eight hour class is designed to present the HEICS system to hospital employees and management. HEICS is an optional NIMS (National Incident Management System)-based command system tailored specifically for use by hospitals and is designed to operate in conjunction with other common incident management systems. Table-top activities are included as well as practical demonstrations of incident management.

Course is designed for Hospital Employees who may operate at or manage an incident at or involving hospital facility.

Discipline — Technical Rescue

Duration (Hrs) — 8

Incident Command

Course Number — IC010

Introduction to the Incident Command System I-100

Suggested orientation to the ICS management concept for all entry level personnel who may be newly assigned to an event, working in a support role, technical specialists, or off-incident personnel. This course consists of module 1 of the National Interagency Incident Management System training curriculum.

Discipline — All Hazard

Duration (Hrs) — 4

Incident Command

Course Number — IC011

Basic Incident Command System I-200 (12 hours)

Students are introduced to the management principles associated with ICS, organization, facilities, resource terminology, and the common responsibilities associated with all responders. This course includes modules 2-6 of the National Interagency Incident Management System curriculum.

Discipline — All Hazard

Duration (Hrs) — 12

Incident Command

Course Number — IC012

Intermediate Incident Command System I-300 (24 hours)

The basic concepts presented in I-200 are expanded and discussed in detail. The single command organization is stressed and students will be exposed to resource management and the role and function of each ICS position, including air operations.

Through a series of small group exercises students will be provided examples of how the essential system principles and components are used in incident planning. This course includes modules 7-11 of the National Interagency Incident Management System curriculum.

Discipline — All Hazard

Duration (Hrs) — 24

Incident Command

Course Number — IC013

Advanced Incident Command System I-400 (16 hours)

This course emphasizes large scale organization and development for major incidents. Roles and relationships of the primary staff are examined as are the planning, operational, logistical, and fiscal considerations related to successful management of large and complex incidents. Students will be introduced to the concepts of area command and unified command, as well as the necessity for interagency coordination.

This course includes modules 12-15 of the National Interagency Incident Management System curriculum.

Discipline — All Hazard

Duration (Hrs) — 16

Incident Command

Course Number — IC014

Multi-Agency Coordination I-401 (4 hours)

The complexities of multiple agency coordination are examined and students will become familiar with the roles of EOCs and MAC groups in the management of large or complex incidents. This course is module 16 in the National Interagency Incident Management System curriculum.

Discipline — All Hazard

Duration (Hrs) — 4

Incident Command

Course Number — IC015

ICS for Executives I-402 (4 hours)

Executives, administrators, and policy makers are provided a basic understanding of the incident command system, unified command, and multi-agency coordination. This course is intended as a system overview for those responsible for setting or implementing policy, but who are not normally part of the on-scene ICS organization and who may also lack incident management experience at the operational level. This course is module 17 of the National Interagency Incident Management System curriculum.

Discipline — All Hazard

Duration (Hrs) — 4

Incident Command

Course Number — IC016

Leadership & Organization Development S-301 (8 hours)

This course is designed to provide students with the basic communication and supervision skills necessary to perform as a unit leader on an incident. Topics include time management, conflict resolution, leadership, delegation, controls & integrity, and civil rights. The target audience is newer first line supervisors who have little, or no incident management experience. Although available as a single presentation this course is best presented in conjunction with one or more of the unit leader skill courses.

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — IC017

Situation Unit Leader S-346 (16 hours)

Subjects covered include the situation unit's mission, functions, organizing, staffing, activation, operation, and mobilization. Through lecture and a series of group and individual exercises students will understand the unit's role and required interactions in collecting, analyzing, and processing of information necessary to prepare reports, displays, and services required by other elements of the incident management organization, including incident predictions. Preferred students are those with some prior experience in gathering and analyzing information, such as police work, and some experience in developing maps and other visual displays.

Discipline — All Hazard

Duration (Hrs) — 16

Incident Command

Course Number — IC018

Resources Unit Leader S-348 (16 hours)

Mission, organization, and operation of the resources unit are covered through lecture and small group exercises. Emphasis is placed on identification and tracking of incident resources and students will be given the opportunity to experiment with "T-cards" and a variety of other systems.

Discipline — All Hazard

Duration (Hrs) — 16

Incident Command

Course Number — IC020

Ground Support Unit Leader S-355 (8 hours)

Subjects covered include organizing, staffing, managing, and demobilizing the unit. Emphasis is placed on the unit's role in managing the incident's rolling stock and in development of the incident traffic plan.

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — IC021

Supply Unit Leader S-356 (8 hours)

Through lecture and a series of small group exercises students will be exposed to the role and function of the supply unit. Emphasis is placed on the unit's interactions with the rest of the incident management organization and with a variety of off-incident organizations such as dispatch, vendors, and other government supply sources. Supply processes and ordering systems from the student's home agency will be used for class examples and exercises.

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — IC022

Communications Unit Leader S-358 (8 hours)

Organization and operation of the incident communications function, management of incident communication centers, development of the incident communications plan, and communications coordination with the “outside” world will be covered through lecture, quizzes, and individual exercises. The need for technical expertise and the breadth of communications systems required by modern incident management will be emphasized. This course is more technically oriented than most ICS courses but it is appropriate for students without a technical background in communications systems and equipment who do not intend to function as a communications unit leader but who would like a better understanding of the role and function of the communications unit.

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — IC023

Operations Section Chief S-430 (12 hours)

Primary duties and responsibilities of the operations section chief and subordinate units will be examined. The role of the section chief in developing and implementing incident strategy and tactics will be reviewed, along with the management difficulties unique to the operations section chief position. Students will understand the key interactions which must occur between the section chief, subordinates, other members of the command and general staff, off incident organizations, and the host agency for successful incident management. Students will determine section staffing and organization requirements, and learn to apply both strategy and tactics to achieve incident objectives through a series of exercises involving incidents of simple and moderate complexity.

Discipline — All Hazard

Duration (Hrs) — 12

Prerequisites — I-300, I-400

Incident Command

Course Number — IC024

Planning Section Chief S-440 (24 hours)

Primary duties and responsibilities of the planning section chief and subordinate units will be examined. The extensive information needs of this section will be discussed in terms of collection, potential sources, and subsequent analysis will be discussed. Students will understand the key interactions which must occur between the section chief, other members of the command and general staff, off incident organizations, and the host agency for successful incident management. Preparation of the Incident Action Plan and other section work products will be covered in detail. Students will develop an incident action plan and other appropriate products of the planning section for an incident of high complexity. Students should have completed I-300, and preferably I-400 before taking this class.

Discipline — All Hazard

Duration (Hrs) — 24

Prerequisites — I-300, I-400

Incident Command

Course Number — ICS 100

NIMS Incident Command System 100 Level Course (ICS 100)

ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS)

Discipline — All Hazard

Duration (Hrs) — 8

Incident Command

Course Number — ICS 200

NIMS Incident Command System 200 Level Course (ICS 200)

ICS 200 is designed to enable personnel to operate efficiently during an incident or event within the Incident Command System (ICS). ICS-200 provides training on and resources for personnel who are likely to assume a supervisory position within the ICS.

Discipline — All Hazard

Duration (Hrs) — 16

Incident Command

Course Number — IS 700

NIMS Incident Command System 700

This course introduces and overviews the National Incident Management System (NIMS). NIMS provides a consistent nationwide template to enable all government, private-sector, and nongovernmental organizations to work together during domestic incidents.

Discipline — All Hazard

Duration (Hrs) — 4

Incident Command

Course Number — IS 800a

NIMS Incident Command System 800a

The course introduces participants to the concepts and principles of the National Response Framework

Discipline — All Hazard

Duration (Hrs) — 4

Incident Command

Course Number — IC037

Command Post Design & Set Up

The course is the study of complex fire situations, including analysis of pre-fire planning, establishing and managing the command post, and effective management of complex fireground operations. This course will emphasize the study of multiple company response and the efficient utilization of available and prospective resources in handling major fires.

Discipline — All Hazard

Duration (Hrs) — 8

Law Enforcement



Law Enforcement

Course Number — LE038

Threats Against Areas of Public Assembly: Terrorism Awareness

If you work, manage, own or provide security for any area of public gathering you are already aware of the common problems that occur with large crowds. Additionally you know what the financial impact can be when a disruption occurs during key events or key times of the year. In this ever-changing environment it is critical that you provide the necessary education, detection and understanding for the potential of terrorist attacks on areas of mass gathering.

While law enforcement monitors those who may have the motive and ability, there are times when criminal or political elements are successful in delivering on their threat. Employees are often the first to recognize or discover something “out of place” in the work environment. Recognition of a viable threat is an essential step in minimizing the potential damage that an incident might cause. The simple act of taking a phone call, recognizing the threat and managing it properly can save millions of dollars in lost time or income and eliminate the potential for public relations problems.

Employee awareness is designed for managers, security personnel and employees. It is geared towards awareness and recognition. This course provides specific information about terrorism, threat recognition, chemical and biological threats and explosive threats. Finally it is designed to provide you with a method to plan and respond before, during and after an event.

Course requires 1 day (8hours).

Discipline — Industrial

Secondary Area of Concentration (if applicable) — SWAT

Duration (Hrs) — 8

Law Enforcement

Course Number — LE002

HazSWAT: Hazmat/WMD Technician for the Tactical Operator (40 hours)

The HazSWAT 40 hour course provides basic hazardous materials training compliant with 29 CFR 1910.120 and NFPA 472 Chapter 5, First Responder Operations Level Responders. This includes the core competencies, and Mission Specific competencies for Law Enforcement Tactical Officers including 6.2 -PPE; 6.5 - Evidence Preservation and Sampling; 6.7 - Air Monitoring and Sampling; 6.8 Victim Rescue and Recovery; and 6.9 - Illicit Laboratory Incidents. Custom components of the training can be adapted to meet jurisdictional needs such as tactics, resources and personnel.

Discipline — Law Enforcement

Secondary Area of Concentration (if applicable) — HazMat

Duration (Hrs) — 40

Law Enforcement

Course Number — LE004

Tactical Operations in a Contaminated Environment

Designed for tactical and special operations teams who may be required to perform reconnaissance, surveillance or CQB in a chemically contaminated environment. Includes applications of PPE, decontamination, tactical and strategic considerations, CQB operations and firearms applications in chemical protective clothing and much more.

5 Days of intensive hands on training and classroom.

Discipline — Law Enforcement

Duration (Hrs) — 40

Law Enforcement

Course Number — LE029

CBRN Tactical Operations Course

This 40 hour course gives SWAT operators the basic training to safely perform their duties in a Chemical, Biological, Radiological, Nuclear or Explosive environment as defined by the Department of Homeland Security. It focuses on understanding the hazardous materials in these types of environments, mission planning, and successful completion of the tactical operation. It prepares operators for every contingency of these types of missions from selecting the proper PPE, to tactics used in the hazardous environment, all the way through decon procedures. Whether in preparation for a meth lab, or a terrorist event, every Tactical Unit must be prepared for the eventuality of operating in a hazardous materials environment. This class provides the individual and team tactics, techniques and procedures for such an eventuality. The course is taught by civilian law enforcement tactical operators who have extensive training and operational experience in these types of events in the United States.

This is a 40 hour Hazardous Material Operations course that meets the OSHA 29 CFR 1910.120 (q)(6) specifications, but does so in a way to address the unique risks and hazards associated with a SWAT Team in a CBRN Environment. The participants will also be trained to operate in Level A and B suits, become familiar with SCBA'S, movement drills and proper shooting techniques. This course is designed for Law Enforcement, military or security professionals.

Discipline — Law Enforcement

Secondary Area of Concentration (if applicable) — HazMat/OSHA

Duration (Hrs) — 40

Law Enforcement

Course Number — LE012 (TOD-101)

Basic SWAT School

This course consists of physical fitness training, team evaluation and set up, target evaluation and approach, breaching concepts, dynamic and slow entry room clearing, hallways, stairwells, and use of ballistic shield.

Discipline — Law Enforcement

Duration (Hrs) — 40

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE022 (TOD-201)

Advanced SWAT School 1

This course builds on the principles taught in our Basic SWAT Program (TOD-101). This course will review tactics taught in the Basic SWAT School Course. There will be more emphasis on Barricade/Hostage Rescue Situations. Clearing tactics will be presented for commercial buildings, stores, and vehicle assaults. This course will utilize the ballistic shield, force on force and live fire practical.

Discipline — Law Enforcement

Duration (Hrs) — 40

Prerequisites — TOD-101 or equivalent, Operational Orders from Department

Law Enforcement

Course Number — LE003

Active Shooter/Suppressive Fire Course - 40 hr

This 5 day course is designed for the Tactical Officer or First Responder who may be called upon to handle a situation where there is an active shooter situation in progress. Operational Resources International has organized a team of Instructors who have real experience and strong knowledge in dealing with these kind of incidents. Participants will be given practical training that involves classroom instruction that turns into numerous dry runs before going through live fire drills and scenarios. This course is very intensive and will test each participants abilities in handling such an event.

Discipline — Law Enforcement

Duration (Hrs) — 40

Law Enforcement

Course Number — LE030

Active Shooter/Suppressive Fire Course - 24 hr

This 3 day course is designed for the Tactical Officer or First Responder who may be called upon to handle a situation where there is an active shooter situation in progress. Operational Resources International has organized a team of Instructors who have real experience and strong knowledge in dealing with these kind of incidents. Participants will be given practical training that involves classroom instruction that turns into numerous dry runs before going through live fire drills and scenarios. This course is very intensive and will test each participants abilities in handling such an event.

Discipline — Law Enforcement

Duration (Hrs) — 24

Law Enforcement

Course Number — LE011 (TOD-107)

Advanced Tactical Rifle

This course is designed to teach advanced close quarter battle (CQB) tactics and precision shooting skills. A strong emphasis is placed on the engagement of targets while moving, rapid target acquisition, low-light exercises, re-loading/malfunction drills, weapon transition techniques, and ballistics.

Discipline — Law Enforcement

Duration (Hrs) — 40

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE023 (TOD-202)

Advanced Tactical Rifle (MRTT from tactical section)

This course is designed to teach advanced close quarter battle (CQB) tactics and precision shooting skills. A strong emphasis is placed on the engagement of targets while moving, rapid target acquisition, low-light exercises, re-loading/malfunction drills, weapon transition techniques, and ballistics.

Discipline — Law Enforcement

Duration (Hrs) — 40

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE013 (TOD-102)

Ballistic Breaching

This course is designed to provide operators assigned to tactical / special operations teams in the specialized techniques of ballistic breaching. This course is based on the practical use of the shotgun as a breaching tool during tactical operations in conjunction with other breaching techniques. The three day course covers the following:

- Tactical CQB shotgun operation
- Overview of breaching techniques and lessons learned
- Operational-based static and practical ballistic breaching
- Program implementation, safety considerations, and ammunition selection
- Target analysis
- Certification as a ballistic breaching operator.

Discipline — Law Enforcement

Duration (Hrs) — 24

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE014 (TOD-103)

Ballistic Shield Operations

This course is designed to provide operators assigned to tactical/ special operations teams in the specialized techniques of ballistic shields. The two day course covers the following:

- Elements of shooting
- Strong and weak hand shooting
- Reloading: stationary and moving
- Multiple shooting positions
- Stationary shooting with and without Ballistic Shield
- Movement shooting with and without Ballistic Shield
- Restrictive shooting spaces
- Multiple target engagement
- Officer down drill
- Room entry techniques

Discipline — Law Enforcement

Duration (Hrs) — 16

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE015 (TOD-104)

Vehicle Assault

This program is under final review by our educational content committee. The first sessions of this program are expected to be available during the 3rd quarter 2010.

Discipline — Law Enforcement

Duration (Hrs) — 8

Prerequisites — Current Law Enforcement Officer, Federal Govt, Personnel, Select Military, Personnel. Operational Orders from Department

Law Enforcement

Course Number — LE017 (TOD-105)

Tactical Handgun

This course is designed to teach advanced handgun marksmanship skills, techniques for instinctive shooting under stressful situations, shooting on the move, and proper target identification. A strong emphasis is placed on training safety standards and protocol, rapid target acquisition, engagement of multiple targets, low-light training exercises, and combat reloading techniques. This program is open to all law enforcement officers, as well as tactical team members.

Discipline — Law Enforcement

Duration (Hrs) — 16

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE018 (TOD-106)

Tactical Submachine Gun

This course is designed to teach advanced submachine gun marksmanship skills and properly prepare officers for real-life target engagement. A strong emphasis is placed on training safety standards and protocol, the engagement of targets while moving, select-fire techniques, rapid target acquisition, and handgun transition exercises. Any submachine gun weapon system may be used for this school.

Discipline — Law Enforcement

Duration (Hrs) — 24

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Law Enforcement

Course Number — LE019 (TOD-107)

Basic Sniper

This entry level course is designed for Law Enforcement officers assigned to the role of a sniper / observer. The objectives of this course will be based on Marksmanship, Position Shooting, Effects of the Weather, Cold Bore and Data Book Documentation, Zeroing, Rifle Handling Skills, Maintenance, Role and Responsibilities, Tactical Communication as well as command and control skills. Identify the rifle's "ballistic fingerprint" through our patented diagnostic check, # patent pending, US29/253,278 to establish a strong foundation to between shooter and rifle.

Discipline — Law Enforcement

Duration (Hrs) — 40

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Law Enforcement

Course Number — LE024 (TOD-203)

Advanced Sniper

Build on the technical aspect of the “ballistic fingerprint” learned from the Basic Sniper course. The operator will accurately predict and make appropriate adjustments to their rifle for cold bore, long range deployments, and variable atmospheric conditions. Students will learn the art of maximizing the effectiveness of the rifle and its reticle, examples; moving targets, range estimation, variable wind hold, and battle field zero concepts. Students will be placed in live fire, and unknown distance multiple engagement deployment scenarios. Operators will also demonstrate successful intermediate barrier engagements and understand proper cartridge selections and tactics. Instruction on rural camouflage concealment and cover will be taught, these concepts will be used during a student stalk scenario.

Discipline — Law Enforcement

Law Enforcement

Course Number — LE031 (TOD-209)

Administration of a Counter Sniper Team

Developed utilizing nearly two decades of field data reports and interviews have allowed us to develop a process based on best practices in the industry for the proper administration of a counter sniper team. This course will outline the selection process of personnel (initial/incumbent), ammunition/caliber, weapon systems (anti material included), preventative maintenance schedules, and collection of statistical after action data. At the conclusion of this program, the participants will have a better ability based on lessons learned and best practices for making efficient administrative decisions to maximize training time and preparing command and field personnel for the role of counter sniper.

Discipline — Law Enforcement

Duration (Hrs) — 8

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE027 (TOD-206)

Urban Sniper Tactics

This course is designed to teach the student the art of deception in urban deployments. Day 1 deals with urban hides and getting into position undetected by indigenous people or potential suspects. Day 2 deals with the art of constructing the vehicle hide and the associated deployment concerns. Live fire from an urban hide and vehicle is part of the course.

Discipline — Law Enforcement

Duration (Hrs) — 16

Prerequisites — Current Law Enforcement Officer, Advanced Sniper (TOD-107) or equivalent, Operational Orders from Department

Duration (Hrs) — 40

Prerequisites — Current Law Enforcement Officer, Advanced Sniper (TOD-107) or equivalent, Operational Orders from Department

Law Enforcement

Course Number — LE028 (TOD-207)

Operational Positional Sniper

This course addresses the deficiencies of the police / military sniper and their inability to transition from a static range shooting environment to real world final firing positions, FFP. The operator will be taught to rapidly move between shooting lanes and gain the most advantageous positions based on their surroundings. In addition, the operator will learn to shoot using “buddy support”, 2 types of standing tripod shooting, 550 sling, ruck support, tree stand step; and traditional sitting, kneeling, and standing techniques.

Discipline — Law Enforcement

Duration (Hrs) — 16

Prerequisites — Current Law Enforcement Officer, Advanced Sniper (TOD-107) or equivalent, Operational Orders from Department

Law Enforcement

Course Number — LE020 (TOD-108)

Small Team Tactics

This course has multiple applications and is designed for teams with limited man power, large teams dividing up to clear large or multiple structures, and rapid deployment on an active threat with a few to minimal officers. This is a high-speed course that requires officers to think on the move and, to be able to read the situation and react. This course will utilize the ballistic shield, force on force, and live fire practical.

Discipline — Law Enforcement

Duration (Hrs) — 16

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE021 (TOD-109)

Active Threat

This course is designed to teach officers tactics to locate and neutralize an active threat. Tactics will be shown to utilize as little as three officers to multiple officers. Students will be challenged mentally and physically. Force on force drills and live fire practical will be conducted.

Discipline — Law Enforcement

Duration (Hrs) — 16

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE025 (TOD-204)

Anti Material/Barrier Weapon Systems

This course is based on the use of the .50 BMG, .416, and other large special purpose rifles and will begin by obtaining the “Ballistic Fingerprint” through our patented diagnostic check, # patent pending, US29/253,278 to establish the foundation needed for special purpose engagements. It is paramount that the student understands the many capabilities of these weapon systems: long range engagements, and defeating intermediate barriers and material. The operator will understand ammunition selection for specific deployment applications. This knowledge will be gained first hand through live fire engagements of long range targets as well as anti-material and barrier shooting.

Discipline — Law Enforcement

Duration (Hrs) — 40

Prerequisites — Current Law Enforcement Officer, Advanced Sniper (TOD-107) or equivalent, Operational Orders from Department

Law Enforcement

Course Number — LE032 (TOD-401)

Edged Weapon Defenses

Defenses against attacks with a knife, including stabs, slashes, and threat to the throat. Special emphasis is placed on using body's natural reaction to stress and utilizing violent counters to stop the threat. Use-of-force policies are discussed and addressed for Law Enforcement Officers.

Discipline — Law Enforcement

Duration (Hrs) — 4

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE037 (TOD-407)

Edged Weapon Tactics

This 4 hour program will provide technical as well as practical approaches on how to use your rescue tool as a defensive tool. Legal and technical lessons will focus on policies, drawing, stances and movements by the officer. Identification of choice of targets on the human body will be identified as well as techniques of knife against knife, knife against a handgun, and knife against an empty hand.

Discipline — Law Enforcement

Duration (Hrs) — 4

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE033 (TOD-402)

Handgun Defense and Retention

This program addresses various defenses against threats with a handgun from various directions (front, rear, side, to the head). In addition, weapon retention in and out of the holster is taught and practiced. Tactical applications are stressed. All skills are taught standing and when on the ground.

Discipline — Law Enforcement

Duration (Hrs) — 4

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE034 (TOD-404)

Ground Survival

This program is not a grappling session, but rather a tactical and violent approach to surviving a lethal confrontation on the ground. This program covers stress inoculation drills when on the ground. Emphasis is placed on striking and transitioning to a tactically more advantageous position. Fine motor skills are not used, when teaching reversing mount and guard positions. Higher risk scenarios, like dealing with firearms and edged weapons are also covered. All drills and skills are done in complete gear for realistic purposes.

Discipline — Law Enforcement

Duration (Hrs) — 4

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE035(TOD-405)

Restraint and Control

Designed to provide the officer with the tools necessary to approach a suspect, utilize an escort position, multiple pain compliance techniques and joint manipulations, and the Israeli approach to restraining a suicide bomber are taught and practiced.

Discipline — Law Enforcement

Duration (Hrs) — 4

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Law Enforcement

Course Number — LE036 (TOD-406)

Blunt Object Defense and Striking

A baton can be a very effective proactive & defensive tool. Techniques for using a baton for striking and blocking purposes are taught. Additionally, defending against overhead strikes and “baseball-type” swings are practiced and drilled.

Discipline — Law Enforcement

Duration (Hrs) — 4

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Maritime



Maritime

Course Number — MT020

Swiftwater Rescue - Awareness

This 4-hour (½ day) course is designed to provide responders an overview of the swiftwater and flood environment and prepare them to provide defensive shore based rescues. This course does not train the responder to enter the water, and all rescues are taught to be conducted from the safety of the shore.

Discipline — Technical Rescue

Area of Concentration — Maritime

Duration (Hrs) — 4

Maritime

Course Number — MT021

Swiftwater Rescue - Enhanced Awareness

This 8-hour (1 day) course is designed to provide responders an overview of the Swiftwater and flood environment and prepare them to provide defensive shore based rescues. This course provides the same classroom information as the Swiftwater Rescue – Awareness course listed above with the addition of two water based modules: two hours of rope throw bag skills and two hours of drown proofing of the participants.

Discipline — Technical Rescue

Area of Concentration — Maritime

Duration (Hrs) — 8

Maritime

Course Number — MT022

Water Rescue Awareness

Awareness level functions include procedures for recognition of general hazards associated with water incidents and the procedures necessary to mitigate these hazards within the general rescue area. Skills taught include size-up of existing and potential conditions and identification of the resources necessary to conduct safe and effective water operations. Students will learn basic procedures for implementing the emergency response system for water incidents as well as site control and scene management techniques.

Classroom style lecture including real life case studies and instructor experiences. Course requires 8 hours.

Discipline — All Hazard

Area of Concentration — Maritime

Duration (Hrs) — 8

Maritime

Course Number — MT023

Water Rescue Operations

Operations Level functions include all specific training for the four separate water-related disciplines: Dive, Ice, Surf and Swift Water.

Skills taught include use and selection of personal protective equipment (PPE), rescue gear and an understanding of personal safety, survival swimming, self-rescue and procedures to assess the situation and conditions as they relate to both victim and rescuer. Student will learn site management procedures, including activation of emergency response and management of shore-based rescue operations. Team based skills include procedures to assist with rigging and mechanical advantage systems to technician-level personnel, procedures for operating boats and other water-craft used by the organization. Specific rescue techniques include understanding surface water-based search operations, victim entrapment, rapid extrication of accessible victims, managing heat and cold stress utilizing PPE, safe and effective use of victim packaging devices that could be employed by the organization for water rescue and transfer of victim information to emergency medical services.

Many hands on activities, case studies and group work. Course requires 1 day (8 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Area of Concentration — Maritime

Duration (Hrs) — 8

Maritime

Course Number — MT024

Water Rescue Technician

Technician level functions include all Awareness and general Operations Level functions as well as meeting requirements specified in NFPA 472, Standards for Professional Competence of Responders to Hazardous Materials Incidents and specific Dive, Ice, Surf and Swift Water criteria. General Technician Level functions include technical, management level procedures required to plan and implement a response consistent with the organization's capabilities, including both boat-assisted and boat-based rescues and "go rescues."

Many hands on activities, case studies and group work. Student to instructor ratio of 10:1. Course requires 3 days (24 hours)

Discipline — Technical Rescue

Area of Concentration — Maritime

Duration (Hrs) — 24

Maritime

Course Number — MT025

Water Operations

This course is designed for personnel who might have the opportunity to use helicopters in water rescue or cast and retrieve operations in rivers, lakes, oceans or other bodies of water. This course focuses on surface swimmer casting and retrieval, short haul operations and using the helicopter as a rescue platform for patient removal.

Many hands on activities, case studies and group work. Course requires 2 days (16-20 hours) and student to instructor ratio of 8:1.

Discipline — Technical Rescue

Area of Concentration — Maritime

Duration (Hrs) — 16-20

Maritime

Course Number — MT002

Dive Rescue: Awareness DR-A (8 hours)

This course is for the first responder who may come upon a water emergency. It discusses the importance of the last scene point, witnesses, water temperature and fundamental medical considerations for the EMT or Medical First Responder. This course is designed to complement Public Safety professionals' core training (Police, Fire service, and EMS)

Discipline — All Hazard

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 8

Maritime

Course Number — MT003

Dive Rescue: Operations DR-O(24 hours)

This course is designed for the certified diver who wishes to expand into Dive Rescue. This focuses on dive rescue operations for the public safety diver who is or intends on being part of a "rescue" team. The course contains information on cold water near drowning, dive team ICS/IMS, water related skills, equipment selection, and search and rescue (recovery).

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 24

Maritime

Course Number — MT004

Dive Rescue: Technician DR-T (40 hours)

This course is for the diver who has completed the DR: Operations course or is currently part a dive rescue team with more than 3 years experience. The DR: Technician course focuses on technical skills such as: Search and Rescue; Evidence Recovery; Scene management; Evaluating safety; Long distance rescues; Night operations; and The choice of the "right" equipment.

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 40

Maritime

Course Number — MT005

Dive Rescue: Specialist DR-S (32 hours)

This course is recommended for certified divers and surface support personnel who are DR: Technicians or more than 5 years on an active dive rescue team. The course participant will apply advanced rescue and recovery techniques to identify problems hazards, options, and appropriate solutions. The class topics are chosen by the hosting location to match local response needs, making this a unique training opportunity. Topics can include: sonar technology, swift water rescue, current diving, light salvage and recovery, surface-supplied air, dry-suit diving, helicopter deployment, boat-based operations, and special operations training.

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 32

Maritime

Course Number — MT006

Dive Rescue: Ice Rescue DR-IR (24 hours with time under canopy)

This course introduces the techniques of diving beneath the ice and the proper planning of ice operations in rescue and recovery modes. Participants will participate in operational planning sessions and make multiple dives under the ice. This training program is also an excellent learning experience for surface-support personnel. Topics include: selecting and using specialized equipment, using underwater communication systems, ice-diving protocols, and special diving techniques. Program will be taught in a classroom, a pool, and at an open water site.

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 24

Maritime

Course Number — MT007

Dive Rescue: Swift Water DR-SW (24 hours)

Course participants will learn to organize and execute a safe current diving operation successfully. Topics include: hydrology and dynamics of moving water, scene evaluation, preplanning operations, equipment selection, and search techniques. Program will be taught in a classroom, a pool, and at an open water site.

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 24

Prerequisites — N/A

Maritime

Course Number — MT008

Dive Rescue: Security Search Techniques DR-SST (TBD)

Course participants will learn to organize and execute a safe security search for ports and vessels. We will discuss specific risks related to hull searches and other techniques for identifying concerns. Pre-qualification is required to schedule this course.

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — TBD

Maritime

Course Number — MT009

Dive Rescue: Hazmat Diving Operations DR-Haz (40 hours)

Learn to identify and operate in contaminated environments in a cost-effective and proactive manner. Course prerequisites are Hazardous Waste Operations and Emergency Response (29 CFR 1910.120) and DR: Operations or equal level of training. Topics include: guidelines for polluted water diving, awareness of potential contaminants and hazards, selection of dive equipment (PPE), evaluation of performance, and use of diving equipment.

Discipline — Technical Rescue

Area of Concentration — Maritime

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 40

Maritime

Course Number — MT010

Water Safety Awareness

Awareness level functions include procedures for recognition of general hazards associated with water incidents and the procedures necessary to mitigate these hazards within the general rescue area. Skills taught include size-up of existing and potential conditions and identification of the resources necessary to conduct safe and effective water operations. Students will learn basic procedures for implementing the emergency response system for water incidents as well as site control and scene management techniques. This is an 8 hour classroom style lecture including real life case studies and instructor experiences.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 4

Maritime

Course Number — MT012 (WRD-101)

Awareness Level 1670

This program is designed to meet NFPA 1670 – Chapter 7 Awareness Level Training. The program goal is to provide essential water safety information to the first responder (an individual who arrives at a water emergency first). Critical program components include: personal safety (how to properly don a personal flotation device (PFD), activation of the Emergency Response System, scene safety, hazard recognition, and data gathering. Information regarding operations and technician level training programs are provided to introduce the student to the many aspects of water rescue training.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 4

Maritime

Course Number — MT011 (WRER) (WRD-102)

Water Rescue Emergency Response

The Water Rescue and Emergency Response Course covers planning for water emergencies, dynamics of moving water, medical conditions, personal safety, and fundamental rescue techniques (self and shore based rescue). This course is a prerequisite for all other training programs. The course provides students with classroom and hands-on training. Student must be prepared to engage in strenuous activities in extreme weather and water conditions. If a student has a known medical condition that could foreseeably jeopardize his or her safety during participation, or be aggravated by participation, the student should not participate.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 16

Maritime

Course Number — MT001 (EBOR) (WRD-104)

Emergency Boat Operations & Rescue

This is a must-have course for any rescue unit involved with on-the-water operations. Emergency Boat Operations and Rescue course trains rescue personnel to select, outfit, operate, and rescue individuals utilizing boats as a rescue platform. Course components include classroom and practical hands-on training in: boat selection, rescue craft outfitting, boat handling, moving-water tactics, emergency boat procedures, and boat rescue techniques.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 16

Prerequisites — WRD 102 or equivalent On Line Safe Boating Course

Maritime

Course Number — MT013 (MSD-101)

Basic Boat Operator

This is a must-have course for any rescue unit involved with on-the-water operations. The Basic Boat Operator course is designed to provide the building blocks to professional small boat operations and crew safety in a wide variety of applications. Course components include classroom and practical hands-on training in: boat selection, personal protective equipment, boat handling, emergency boat procedures, and boat rescue techniques.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 16

Prerequisites — On Line Safe Boating Course

Maritime

Course Number — MT014 (MSD-105)

Intro to Basic Boat Operator

This course provides an introduction to small boat operating procedures, as well as safety considerations for emergency boat operators. The Basic Boat Operator course is designed to acquaint operators to requirements associated with professional small boat operations and crew safety in a wide variety of applications. Course components include classroom and practical hands-on training in: boat selection, personal protective equipment, and basic boat handling techniques.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 8

Prerequisites — On Line Safe Boating Course

Maritime

Course Number — MT015 (MSD-102)

Advanced Boat Operator

This is a must-have course for any marine patrol unit using RIB or hard sided boats involved with on-the-water operations. The Advanced Boat Operator course is designed to provide the building blocks for professional boat operations and crew safety in a wide variety of applications. Course components include classroom and practical hands-on training in: boat selection, personal protective equipment, boat handling, emergency boat procedures, personnel transfer, and boat rescue techniques.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 24

Prerequisites — On Line Safe Boating Course

Maritime

Course Number — MT016 (MSD-103)

Tactical Boat Operations

This program provides in-depth practical experience to those requiring advanced patrol and interdiction capabilities, security zone operations, on board team delivery, and protection of High Valued Assets. This is a must-have course for any marine patrol unit using RIB or hard sided boats involved with on-the-water operations. The Tactical Boat Operations course is designed to provide advanced operator training and crew safety in a wide variety of applications. Course components include classroom and practical hands-on training in: boat selection, personal protective equipment, boat handling, emergency boat procedures, pacing, various boarding techniques, personnel transfer, security zone, and tango interdiction operations.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 24

Prerequisites — MSD-102 or equivalent

Maritime

Course Number — MT017 (MSD-106)

Vessel Security Operations

This course is designed to teach advanced close quarter battle (CQB) tactics and vessel clearing techniques required to secure ocean going ships and tugs. Activities include non-compliant vessel access, vessel terminology and navigation. A strong emphasis is placed on the unique situations presented to law enforcement boarding officers when securing large, complex vessels.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 24

Prerequisites — Current Law Enforcement Officer, Operational Orders from Department

Maritime

Course Number — MT018 (MSD-107)

Inflatable Boat Repair Course

This course will provide a basic understanding and practical approach to the basic repair, maintenance and understanding of the MilSpec Combat Rubber Raiding Crafts (CRRC). In addition to gaining a working knowledge of the inflation and valve systems; the student will be able to complete a Limited Test & Inspection (LTI) on the craft, develop and maintain a complete "boat folder" and perform all normal repairs. A working knowledge of the fabrics and glues used in these boats as well as the accessories available on this class of boat will be reviewed.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 40

Maritime

Course Number — MT019 (MSD-108)

Advanced Inflatable Boat Repair Course

This course will build on the Inflatable Boat Repair class (MSD-107) by focusing on more complex tasks and repairs including transom and thrust board replacement, floor replacement and latexing of tubes. This is an advanced repair class and should be attended by experienced inflatable boat repair technicians.

Discipline — Maritime

Area of Concentration — Maritime

Duration (Hrs) — 40

Prerequisites — Inflatable Boat Repair Course

Private

Private

Course Number — PR001

Industrial Confined Space I

Designed to meet the needs of industry and address the applicable portions of the OSHA standard OSHA 29 CFR 1910.146.

Personnel completing this course shall understand the scope and application of standard, including recognition of permit and non-permit required confined spaces in the environment, and an understanding of the potential hazards associated with these sites. Includes discussion of entry permits, hot work permits, and MSDS, as well as the duties of supervising employees and local or regional rescue services.

Classroom style lecture including real life case studies and instructor experiences. Course requires 4 hours.

Discipline — Technical Rescue

Secondary Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Private

Course Number — PR002

Industrial Confined Space II

This course focuses on operational rescue skills specifically designed to meet Sub-part K of the OSHA standard. Entry and rescue operations, monitoring, retrieval and rescue systems are all stressed as part of this unique course.

Many hands on activities, case studies and group work. Course requires 2 days (16 hours) and student to instructor ratio of 10:1.

Discipline — Industrial

Secondary Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Private

Course Number — PR003

Industrial Confined Space III

Taking your team to a higher level of proficiency, this course stresses complex entry and below grade operations. High-level patient movement and packaging operations are introduced. Advanced monitoring and detection and team functions are stressed.

Many hands on activities, case studies and group work. Student to instructor ratio of 10:1. Course requires 2 days (16 hours)

Discipline — Industrial

Secondary Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Private

Course Number — PR004

Industrial Trench Rescue

We understand that construction companies, municipal services and industrial personnel have different needs and requirements. For that reason we have developed a variety of general worker and supervisor programs.

Discipline — Industrial

Secondary Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Private

Course Number — PR005

General Worker Awareness

This course is designed to provide personnel who work in and around trenches, excavations or construction sites an awareness of the dangers associated with unprotected trenches and excavations. Students shall be able to understand the scope and application of OSHA CFR 29 1910.126.

At completion of the course, students will be able to recognize the dangers of an unprotected trench or excavation, identify on site hazards and risks and understand the role of the competent person, other teams, equipment and protective systems. Additional discussions will include the employers risk management plan and how to implement an emergency response system in case of emergency.

Classroom style lecture including real life case studies and instructor experiences. Course requires 4 hours.

Discipline — All Hazard

Duration (Hrs) — 4

Private

Course Number — PR006

Hospital Hazardous Materials Incident Awareness

This course is designed to meet the criteria set forth in 29CFR1910.120. The course goals are to give the student the ability to recognize chemical hazards in the workplace and react properly in the event of an emergency. Students will study chemical and physical properties, hazard classes, general safety, product identification and protective actions.

Classroom style lecture including real life case studies and instructor experiences. Course requires 1 day (8 hours).

Hazardous materials classes are designed to comply with NFPA 472, 29CFR1910.120, all OSHA and JHACO requirements.

Discipline — HazMat

Duration (Hrs) — 8

Private

Course Number — PR007

Hazardous Waste Operations & Emergency Response (HazWOPER)

Hazwoper 24 or 40 Hour Course is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations, and storage, disposal, or treatment of hazardous substances or uncontrolled hazardous waste sites.

Topics include protection against hazardous chemicals, elimination of hazardous chemicals, safety of workers and the environment, OSHA regulations. This course covers topics included in 29 CFR 1910.120. Please note that hands-on training is not required for the 40 hour Hazwoper course although hands-on is the preferred training method by OSHA (so at STCI we spend about 50% of the time with hands on activities and small group exercises).

Discipline — Industrial

Duration (Hrs) — TBD

Private

Course Number — PR008

Hazardous Materials OSHA 1910.120 Awareness

This is an 8-hour entry-level course is for all responders and other public employees or officials who are likely to witness or discover a hazardous material incident. The course provides a regulatory overview, an understanding of what hazardous materials are, associated risk and an understanding of potential outcomes. Students will learn to recognize the presence of hazardous materials, the roles of first responders in emergency response plans, how to use the Emergency Response Guidebook and how and when to call for assistance.

Discipline — Industrial

Duration (Hrs) — 8

Private

Course Number — PR012 (OSHA 10)

OSHA 10 Hour Training Course - Construction

Developed to provide construction workers, supervisors and personnel with the tools they need to manage work site safety and health.

Discipline — Industrial

Duration (Hrs) — 10

Private

Course Number — PR013 (OSHA 30)

OSHA 30 Hour Training Course - Construction

Developed to provide supervisors, construction workers and other related personnel with an awareness of construction safety and health concerns.

Discipline — Industrial

Duration (Hrs) — 30

Private

Course Number — PR009

Hazardous Materials OSHA 1910.120 Operations

For those individuals who are dispatched to releases or potential releases of hazardous materials as part of the initial response to the incident for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion without actually coming into contact with the product. Their function is to contain the release from a safe distance and keep it from spreading. This course builds upon the information presented in awareness training and provides concepts on incident analysis and procedures, usage, and related considerations, following the basic chronology of a hazardous materials incident. This course was designed to meet the requirements for Operations level training as outlined in OSHA 1910.120.

Discipline — Industrial

Duration (Hrs) — 40

Private

Course Number — PR010

Hazardous Materials OSHA 1910.120 Technician

This course is designed as a 5-day program of intense instruction and practice. The focus of this course is directed towards chemistry, hazardous materials detection and monitoring, personal protective equipment, decontamination, offensive leak control techniques, risk assessment, incident management and safety. The program is designed in accordance with NFPA 472 and OSHA - 29 CFR part 1910.120 (q) and includes intensive classroom sessions followed by practical application exercises. This course is physically demanding and requires students to work in Self-Contained Breathing Apparatus, Chemical Protective Clothing and confined spaces.

Discipline — Industrial

Duration (Hrs) — 40

Private

Course Number — PR011

Hazardous Materials OSHA 1910.120 Incident Commander

This course is designed for managers and command-level officers who will be emergency incident managers. The course includes training in the model Incident Management Command System (ICS); working with local, state, and federal agencies and private industry; data collection and hazard analysis; and basic concepts of control and mitigation. Students will apply these skills in simulated incidents.

Discipline — Industrial

Duration (Hrs) — 24

Private

Course Number — PR015 (OSHA 500)

Trainer Construction Industry

Define construction terms found in the OSHA standards; Present effective safety and health training programs in accordance with OSHA's construction standards, regulations, and guidelines; Identify hazards that occur in the construction industry and determine appropriate standards; Prepare reports citing conditions found; Identify methods to correct hazards.

Discipline — Industrial

Duration (Hrs) — 24

Technical Rescue



Technical Rescue

Course Number — TR048

Structural Collapse Awareness

At the conclusion of this course, students will understand the general hazards associated with structural collapse incidents including the recognition of applicable construction types and categories and the expected behaviors of components and materials in a structural collapse. They will be able to recognize and assess potential conditions at a structural collapse incident, as well as identify the resources necessary to conduct safe and effective structural collapse search and rescue operations. They will learn procedures for conducting visual and verbal searches at structural collapse incidents, including the FEMA Task Force Rescue Marking System, Building Marking System, Victim Marking System and Structure Marking System. Students will also discuss development and implementation of procedures for carrying out the emergency response system as well as site control and scene management. An overview of removal of readily accessible victims from structural collapse incidents will be included, as a preview of skills learned in the Operations level courses.

Classroom lecture style, including case studies and group work. Course requires 1 day (8 hours) and class size is limited to 120 Students.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Technical Rescue

Course Number — TR049

Structural Collapse Technician

This high level technician course meets and exceeds the NFPA 1670 and 1006 standards, and is based on the exact course outline of the FEMA US&R course taught to the national task forces. At the conclusion of this course the Student shall be capable of hazard recognition, equipment use, and techniques necessary to operate safely and effectively at structural collapse incidents involving the collapse or failure of concrete tilt-up, reinforced concrete, and steel construction. They will learn the process for search operations intended to locate victims trapped inside and beneath collapse debris as well as procedures for accessing and extricating victims trapped beneath collapse debris.

Combination of hands on activities, field work, lectures, case studies and group work. Course requires 8 days (80 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 80

Technical Rescue

Course Number — TR043

Structural Collapse Operations

Operations level training including discussions of physical structures and advanced rescue skills. Meets & exceeds the requirements of NFPA 1670 Standard.

This course meets all NFPA 1670 guidelines and enables rescue teams to operate safely and effectively in structural collapse incidents involving the collapse or failure of light-frame, ordinary construction, un reinforced and reinforced masonry construction. At the conclusion of this course the Student will understand the procedures for recognizing unique collapse or failure hazards, and for stabilizing and shoring up the structure. An increased emphasis on rescue will include search and rescue techniques intended to locate victims trapped inside and beneath collapse debris; discussions about procedures for accessing victims trapped inside and beneath collapse debris; procedures relevant to extrication operations involving packaging, treating and removing victims trapped within and beneath collapse debris.

Combination of lectures, hands on activities, case studies and group work. Course requires 5 days (50 hours) and student to instructor ratio of 10:1.

Discipline — Fire

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR026

Working In and Around Collapsed and Bombed Structures for Intelligence Gathering

Many agencies must now work in urban environments and in collapsed or unstable structures while gathering intelligence or establishing clear areas. This program focuses on the information needed to function safely and effectively in this environment.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR051

Trench Rescue Awareness

Introductory general awareness course. Personnel operating at this level will be able to perform size up and control hazards at a trench emergency.

At the completion of this course, students shall be able to recognize the general hazards associated with trench and excavation emergencies and procedures necessary to mitigate these hazards. They will learn how to identify the resources necessary to conduct safe, effective trench and excavation emergency operations, as well as how to develop and implement procedures to activate the emergency response system and manage the site. Additional topics will include typical trench and excavation collapse patterns, secondary collapse conditions, hazards of shifting soil and procedures for rapid, non-entry extrication.

Classroom style lecture including real life case studies and instructor experiences. Course requires 4 hours.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 4



Technical Rescue

Course Number — TR052

Trench Rescue Operations

This course is designed for personnel who will respond to and perform limited entry and rescue operations and rescue operations in support of technician level personnel.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR053

Trench Rescue Technician*

The most advanced level of training outlined in the NFPA 1670 and 1006 standards. This course is designed for personnel responsible for rescue and recovery operations in more complex environments. At this level personnel shall identify and understand the limitations and removal of manufactured protective systems, as well as learn procedures for monitoring the atmosphere in all parts of the trench. Additional topics include the limitations of supplemental sheeting and shoring systems; procedures for adjustment of protective systems based on environmental conditions; de-watering, rigging and placement of isolation systems.

Many hands on activities, case studies and group work. PPE and other specialty equipment may be required. Course requires 2 days (20 hours) and student to instructor ratio of 15:1. *Note: if Operations and Technician classes are taken in sequence, then add 1 day for Operations review prior to Technician class

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 20

Technical Rescue

Course Number — TR056

Trench Rescue for Emergency Personnel

The complete Awareness through Technician level SPEC RESCUE Trench Rescue program is designed to take a novice rescuer through the contextual training necessary to accomplish even the most difficult rescues. This will require the student to become familiar with the terminology, concepts and rescue methods associated with trench and below grade operations, and to have a good working knowledge of the tools, appliances, and skills used in below grade rescue operations. Challenge yourself to complete the best trench training program in the world!

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR001

Trench Rescue for Industrial Applications

We understand that construction companies, municipal services and industrial personnel have different needs and requirements. For that reason we have developed a variety of general worker and supervisor programs.

Discipline — Industrial

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR002

Competent Person Training*

This course is designed to meet the OSHA 1910.126 standard and its implementation for the official role of "Competent Person." This course is designed for supervisors or site foremen who supervise trench and excavation sites. At the completion of this course the student shall be trained to act as a site safety officer at the work site, and will have the skills to manage trench operations, understand specific environmental factors and select approved protective systems.

Classroom style lecture following all guidelines of OSHA requirements. Course requires 4 hours. *Requires 'General Worker Awareness

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Technical Rescue

Course Number — TR004

Vehicle & Machinery Rescue Awareness

Awareness level personnel shall meet all requirements specified in Chapter 2 of NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents. Awareness level functions at vehicle and machinery rescue incidents include procedures to conduct a size-up of conditions, identification of the resources necessary to conduct safe and effective operations, implementing the emergency response system site control and scene management, recognition of general hazards associated with vehicle and/or machinery rescue incidents and procedures for the initiation of traffic control.

Lecture, hands on activities and group work. Course requires 1 day (4 hours) and student to instructor ratio of 10:1.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Technical Rescue

Course Number — TR005

Vehicle & Machinery Rescue Operations

Operations level personnel shall meet all requirements specified in Chapter 3 of NFPA 472, Standard for Professional Competence of Responders to Hazardous Materials Incidents and be capable of hazard recognition, equipment use and techniques necessary to operate safely and effectively at incidents involving persons injured or entrapped in a vehicle or machinery. Operations level functions at vehicle and/or machinery rescue incidents include procedures to identify probable victim locations and survivability, making the rescue area safe, including the stabilization and isolation (i.e., lockout/tag out) of all vehicles and/or machinery.

Additional environmental skills will teach students how to identify, contain and stop fuel release, as well as mitigation and management of general and specific hazards (fire, explosion) associated with vehicles. Rescue techniques include accessing victims trapped in a vehicle or machinery, protection of a victim during extrication disentanglement, packaging of a victim prior to extrication/ disentanglement and performing extrication operations through the use of hand tools.

Many hands on activities, case studies and group work. Course requires 2 days (16-20 hours) and student to instructor ratio of 10:1.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 16-20

Technical Rescue

Course Number — TR007

Rescue Techniques for Motor Sports Accident Care Teams

Designed for Emergency Services Personnel who are involved or have the potential to become involved in a racing event, this course is always customized to the specific environment and team. We can include hands-on practical activities using actual race cars (show cars) and assorted training props (such as a roll cage assembly) to enhance participation. Program length can be adapted to accommodate your training needs and schedule.

With the formation of a NFPA Automobile Race Tracks Committee, interest has become focused on this area of emergency services delivery. Since there are literally hundreds of Motor sports Tracks across the country, odds are you and your department are either directly involved in this fast paced environment or have the potential for involvement through mutual aid. Each track is unique in layout, type of racing vehicles, emergency services provisions, and overall event management. Some sanctioning bodies have touring emergency services providers; most tracks have arrangements with local agencies.

Whether paid staff or dedicated volunteers, all emergency service providers need to review their basic fire and EMS training and understand the unique challenges of the racing environment. For example, due to the special construction of racing vehicles, the old tried and true vehicle extrication techniques not only will not work, they may cause injury or death of the Rescuers. Patient care and extrication from these vehicles must be accomplished quickly and efficiently, but the custom-fitted seats, restraint devices and interior bracing designed to keep the driver safely inside the vehicle allow no room for Rescuers to maneuver. In the Race Track environment, where things happen triple fast, there are many opportunities for emergency responders to become victims.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescu

Course Number — TR008

Shipboard Firefighting Level I

This course requires mainly classroom time and the ability to gain access to local Port facilities to conduct vessel tours. At the completion of this course, students will have understanding of the role of local, state and federal agencies, their own duties and responsibilities and the maritime Incident Response Team Concept. Specific topics include vessel construction, vessel hazards, the incident command system, marine fire fighting tactics, tug and barge operations, pleasure boat and marina fires, vessel tours.

Duration: 1 day (8 hours) Type: Lecture.

Discipline — Maritime

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Technical Rescue

Course Number — TR009

Shipboard Firefighting Level II

This course includes the above listed topics for Awareness Level, but also includes practical exercises aboard a vessel, including fire response and mitigation aboard a vessel.

These high level courses are customized for organizations and will require access to a vessel, fire department apparatus, personnel protective equipment and access to communication with local, regional and national agencies.

These courses will require advance instructor travel and meetings to develop and arrange for all resources necessary to conduct the evolution. We will work with organizations to develop a course that meets and exceeds local standards and requirements.

Many hands on activities, case studies and group work. PPE and other specialty equipment required. Course requires 3 days (24 hours) and student to instructor ratio of 15:1

Discipline — Maritime

Area of Concentration

Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR010

Shipboard Firefighting Level III

Additional high-level courses can be customized for organizations and will require cooperation and communication with local, regional and national agencies. These courses will require advance instructor travel and meetings to develop and arrange for all resources necessary to conduct the training. We will work with organizations to develop a course that meets all goals.

Duration and type to be developed with organization and trainers.

Aircraft Rescue and Fire Fighting

Spec Rescue will work with you to design the ultimate aircraft firefighting curriculum for your team.

Discipline — Maritime

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Prerequisites

Technical Rescue

Course Number — TR057

Customized Aircraft Firefighting Courses

Additional subjects can be custom tailored for your organization as they pertain to your needs and area of responsibility. Other subjects include ARFF Driver/Operator, Officer, Aircraft Incident Management for Structural Departments/Fire Brigades; Airport Incident Command; Managing Mass Casualties; Hazardous Materials for Aircraft Emergencies, Confined Space Entry and Rescue for Aircraft Emergencies and structural fire fighters response for airport incidents.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR011

Firefighter Down

This essential course will provide information and skills necessary to initiate effective rescue missions involving “trapped” or “lost” members of a fire ground team. Case studies, skill training, and personnel accountability systems are presented in a team development atmosphere with the goal of having Students become valuable and effective members of a rescue team should the need arise.

This program requires Students to have a basic knowledge of fire ground operations and proficiency in the use of Self Contained Breathing Apparatus (SCBA). Full turn out gear is required, to include a SCBA w/spare air bottle and Personal Alarm System (PAS) device. This is a very intensive program and requires a high degree of physical fitness.

Many hands on activities, case studies and group work. PPE and other specialty equipment required. Course requires 2 days (16 hours) and student to instructor ratio of 10:1.

Discipline — Fire

Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Technical Rescue

Course Number — TR012

Rapid Intervention Team Training (RIT)

Rapid Intervention Teams provide dedicated rescue personnel to the Incident Commander (IC) in the event of a rescue in an immediately dangerous to life and health (IDLH) environment. The IC evaluates each incident based upon a risk/benefit analysis and assembles a Rapid Intervention Team (RIT) as needed.

The RIT's sole purpose is to locate and rescue trapped or missing firefighters. This course focuses on development and implementation of a RIT for all hazards that the fire service may encounter.

This course includes both classroom and practical evolutions. At the conclusion of this course Students shall be able to develop a written RIT policy to supplement their current incident command policy, perform practical RIT operations, understand or use thermal imaging equipment in support of RIT and perform extraction of injured or trapped firefighters from below grade and above grade areas.

Duration: 1 Day (8 Hours) Type: Hands on. Student/Instructor Ratio: 10:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Technical Rescue

Course Number — TR013

Helicopter Operations

The Spec Rescue Helicopter Rescue Program is designed to take a novice rescuer through the contextual training necessary to accomplish even the most difficult rescues. This will require the Student to become familiar with the terminology, concepts and rescue methods associated with helicopters and to have a good working knowledge of the tools, appliances and skills used in such operations.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR014

Helicopter Safety, Rigging and Rappelling

This course focuses on basic helicopter safety and operations in using the helicopter as a personnel delivery platform. Safety in and around helicopters is discussed including working in and around the aircraft, crew safety and survival, pilot crew interface and in flight emergencies. Flight crew skid loading and unloading, rigging specific helicopters for rappel and actual rappel operations using drop and leg bags are performed.

Many hands on activities, case studies and group work. Course requires 2 days (16-20 hours) and student to instructor ratio of 8:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16-20

Technical Rescue

Course Number — TR015

Short Haul Operations

This course focuses on the safety and application of helicopters for short haul operations. Originally developed from the military SPIE system and adopted for civilian usage this course provides the necessary knowledge, skills and abilities to rig and use the helicopter for short haul systems, moving patients and flight crew in stokes, short lines or other patient packaging devices. Ideal for both ground and water based operations. Pre-requisite: helicopter rigging and rappelling.

Many hands on activities, case studies and group work. Course requires 2 days (16-20 hours) and student to instructor ratio of 8:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16-20

Technical Rescue

Course Number — TR003

Personal Emergency Escape Rope System (PEERS)

The Personal Emergency Escape Rope System (PEERS) has been developed to provide firefighters and rescuers with a means of escape from an environment where death is eminent and a rope escape is the only means of survival. This course is a must for emergency services personnel and Rapid Intervention Team (RIT) members in particular. PEERS utilizes equipment carried by the firefighter and addresses structural anchor point attachments and "pseudo" anchor point attachments comprised of Halligan bars, pike poles, axes, etc. Students will be familiarized with the PEERS equipment, practice tying off to the bombproof and "pseudo" anchors and then practice window bailouts under both normal conditions and limited visibility conditions. Students will train safely but realistically.

Students are expected to have good basic rope skills prior to attending a PEERS course. All Students will need to supply their own helmet, turnout coat, turnout pants, turnout boots, gloves and protective eye wear. Students will also need to provide their own complete working Self Contained Breathing Apparatus (SCBA) and mask. SCBA cylinders must have current hydrostatic test stamp/sticker.

Duration: 2 Days (16 hours) Type: Hands on. Student Instructor Ratio 10:1

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Technical Rescue

Course Number — TR042

Rope Rescue I

This class meets and exceeds Awareness Level training as outlined in NFPA 1670 1998 edition. Rope I is the introductory level, to familiarize the student with the techniques necessary to save him/herself from harm by escaping from a hazardous environment. This is a superb class for the first time student, or the veteran rescuer that desires to brush up on basic skills. Course objectives include equipment familiarization (software and hardware) and rigging techniques. Consideration is given to the various construction and materials used in rope rescue equipment and their effect on rigging techniques. At the conclusion of class, students will be able to demonstrate proficiency at knots, bends, harnesses, webbing and cordage used in rope rescue. Additional instruction will be given in rigging, rappelling, locking off, self-rescue and pick-off techniques.

Lectures, hands on activities, case studies and group work. Course requires 2 days (16 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Technical Rescue

Course Number — TR054

Rope Rescue II - Operations

Rope Rescue II is the intermediate level rope class that addresses the equipment and techniques required to safely access, stabilize and remove victims of elevated, or below grade accidents/illnesses. The class meets and exceeds the Operations Level objectives as outlined in NFPA 1670 and 1006. Course objectives include descending with a rack, ascending a fixed rope, lowering systems and safeties, and mechanical advantages with pulleys and haul systems. The Student will be challenged to engineer systems that defy gravity in order to affect above and below grade rescues. Recommended for all technical rescue personnel.

Pre-requisite: RR I or equivalent

Many hands on activities, case studies and group work. Course requires 4 days (32 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 32

Prerequisites — RR I or equivalent

Technical Rescue

Course Number — TR055

Rope Rescue III - Technician

Rope Rescue III is the ultimate advanced level rope class designed to give the accomplished student the ability to perform techniques that involve tensioned rope systems. This class meets and exceeds the NFPA requirements for Technician Level training. Students will build systems to remove victims on rope systems that are horizontal or angled to the ground. Special emphasis is placed on methods that may be used to remove multiple trapped victims of above grade emergencies. Pre-requisite: RR II or equivalent

Many hands on activities, case studies and group work. Course requires 3 days (24 hours) and student to instructor ratio of 10:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR058

Fast Rope Operations

This course is designed for tactical or law enforcement agencies who find the need to insert tactical teams in a rapid manner from a helicopter. Classroom and didactic material focus on use and applications of fast rope operations. Follow up field operations include using simulated helicopter and real aircraft for the deployment of teams in a rapid manner.

Many hands on activities, case studies and group work. Course requires 2 days (16-20 hours) and student to instructor ratio of 8:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16-20

Technical Rescue

Course Number — TR016

Rappel Master Training

This course focuses on training rappel masters to coordinate crew operations and rigging. Command and control of the flight crew, techniques for placing crews outside of the aircraft and communications with the aircraft commander (pilot) are stressed. Prerequisites: Helicopter Rigging and Rappelling, Short Haul Operations.

Many hands on activities, case studies and group work. Course requires 2 days (16-20 hours) and student to instructor ratio of 8:1.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16-20

Technical Rescue

Course Number — TR039 (WRD-103)

Advanced Line Systems Rescue (ALS)

Advanced Line Systems Rescue course trains rescue personnel in rescue systems that are complex and expose personnel to potentially life threatening hazards. These systems should only be used when lower risk options have been exhausted and when the team has the training, equipment, and skills to utilize these techniques. The systems taught in the course require rescue personnel to:

- Select the appropriate system for the situation.
- Establish and operate the system.
- Effect the rescue or recovery.
- Tear down the system.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Prerequisites — WRD 102 or equivalent

Technical Rescue

Course Number — TR017

Urban Search and Rescue: Task Force Leaders Course

This program prepares your Task Force leaders to understand how the system works, its concept of operations and how to fulfill their roles during all aspects of the systems engagement including administrative, deployment, operations, political interaction, disengagement and return to readiness. Designed to senior leadership responsible for leading and managing task force functions when not deployed.

Course requires 5 days (40 hours).

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 40

Technical Rescue

Course Number — TR018

Urban Search and Rescue: Planning Officer and Technical Information Specialist

This combined program provides the necessary training for your Plans Officers and your Technical Information Specialist. It focuses on effective planning processes, development of an incident action plan and provides training for your Plans officer on their responsibilities during US&R Operations and administrative times. This program also provides training for the Technical Information Specialist on capturing and developing deployment information as it becomes available, photography, report development and integration of information into the planning process.

Course requires 5 days (40 hours).

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 40

Technical Rescue

Course Number — TR019

Urban Search and Rescue: Safety Officer – 5 Days

This program is designed to provide your US&R Safety Officers the tools they need to function at the scene of a complicated collapse and WMD incident. It provides the administrative, deployment, operational and demobilization aspects of Safety, integration with medical, planning and task force leadership.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 40

Technical Rescue

Course Number — TR020

Urban Search and Rescue: Technical Search Specialist

This program provides all of the necessary knowledge, skills and abilities for your technical search personnel to develop strategy and tactics to implement searches during recon, and operations at structural collapse operations. It provides the necessary instruction on use, care, maintenance and tactical applications of all search tools carried in the cache and provides information on how technical search integrates into the overall operation.

Requirements – US&R Technical Search Cache and work site. Course requires 6 days (48 hours).

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 48

Technical Rescue

Course Number — TR021

Urban Search and Rescue: Medical Specialist – 6 Days

This program is designed for physicians and paramedics associated with the Task Force. It is designed to provide medical personnel with the necessary KSA's to operate during all aspects of the mission. It addresses team health and safety, medical cache, confined space medicine, BOO coordination, treatment protocols, and all aspects associated with the medical and health care aspects of the mission.

Requirements – US&R Medical Cache and work site. Course requires 6 days (48 hours).

Discipline — EMS

Area of Concentration — Technical Rescue

Duration (Hrs) — 48

Technical Rescue

Course Number — TR022

Urban Search and Rescue: Heavy Rigging

Designed to teach advanced rigging and crane skills as well as heavy equipment applications, this course is designed for your US&R Heavy Rigging Staff and Rescue Specialist. An in depth look at rigging, cranes, engineering and other aspects of successfully moving and securing debris at collapsed sites. (Requirements – Cranes and work site).

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 32

Technical Rescue

Course Number — TR060

US&R Logistics Specialist

This program is designed to train logistics personnel to effectively manage, deploy, maintain and manage your US&R cache. Additionally it prepares them for deployment, field operations, disengagement and return to readiness as any Task Force operating at the national level would do. Personnel receive intensive training and will be qualified to manage all hazardous materials and prepare and certify cargo for shipping on aircraft and ground.

Requirements – US&R equipment cache, access to aircraft. Course requires 7 days (56 hours).

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 56

Technical Rescue

Course Number — TR023

Urban Search and Rescue: Communications Specialist

This program is designed to provide the necessary KSA's for US&R communications specialists. It includes working with and deploying all equipment in the US&R communications cache including radios, repeaters, satellite phone systems, BOO operations, liaison operations, radio frequency applications and planning.

Requirements – US&R Communications Cache.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — TBD

Technical Rescue

Course Number — TR037

Urban Search and Rescue: Management US&R-M

The US&R Management course brings together some key officials of various regional, state, federal and international US&R teams to facilitate discussion of team recruitment, organizational structures, management, funding, logistics and maintenance.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR038

Urban Search and Rescue: Technology Integration US&R-TI

The US&R Safety course brings together some key officials of various regional, state, federal and international US&R teams to facilitate discussion of team equipment and technologies. This includes the most up to date technologies. This will provide you with a overall plan for future integration of emerging technologies for US&R and how to merge them with your existing programs.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR061

Urban Search and Rescue: Safety US&R-S (24 hours)

The US&R Safety course brings together some key officials of various regional, state, federal and international US&R teams to facilitate discussion of team formal safety program development, managing risk, performance of accident investigation, administration of accident logs, and maintenance of a formal safety program for a US&R team.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR024

K-9 Search Specialist Course

This program is designed to provide handlers and K-9's with the necessary baseline skills to train for work in an US&R environment. It includes working with the handler and K-9 in US&R terrain, basic command functions, search tactics, fundamental K-9 skills and prepares the handler and K-9 for the requirements associated with a Type I and Type II test. This program does not certify handlers or K-9s as Type I or Type II.

Requirements – US&R work site and K-9 obstacle course. 5 days (40 hours).

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 40

Technical Rescue

Course Number — TR025

Surviving Technical Rescue Operations

Technical rescue operations can be deadly for victims, firefighters and EMS personnel if handled improperly. Gut level reactions combined with quick action can, and have, resulted in tragedy.

The survival presentation is designed to orient the fire and rescue services provider with an overview of technical rescue operations. It is not intended to make a technical rescue team member out of the Students, but instead, keep them alive. It is also designed to act as a “catalyst” to raise questions about operational capabilities, team development, equipment availability, and legal/ liability issues within jurisdictions.

This 8-hour presentation will alert the Student to common hazards and mistakes made during Confined Space, Trench Collapse, Structural Collapse, and Rope Rescue Operations. It will also introduce the rescuer to a variety of tactical and strategic plans intended to enhance the operation at the scene of a special rescue incident.

This seminar is based on the theory that YOU, THE RESCUER are the most important person on the scene. It is intended to provide the Student with the information they need to stabilize an incident and await further help.

Many times knowing what not to do is the best option during a highly technical rescue operation.

This is accomplished through a lecture series using slides, videos tapes, interactive discussions and a review of several selected case histories.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Technical Rescue

Course Number — TR050

Confined Space Technician

This is the most advanced level of training as outlined in the NFPA 1670 and 1006 standard. This course is designed for organizations and personnel responsible for confined space entry and rescue operations in a more complex environment. Personnel at this level will learn how to manage high risk, high profile confined rescue operations, including management of local, regional and federal rescue teams, size-up and operational strategy for confined space rescue. This is an advanced level course for the serious rescuer, operating at an expert technician level.

Combination of lectures, hands on activities, case studies and group work. Course requires 2 days (16 hours) and student to instructor ratio of 10:1.

Industrial Confined Space Programs

We understand that industrial response brigades have different needs and requirements than municipal response organizations. We encourage NFPA compliant courses but understand that NFPA compliance may not be important to industrial teams choosing instead to just meet the requirements under OSHA 29 CFR 1910.146 and other applicable standards.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Technical Rescue

Course Number — TR027

Confined Space - Entrant CS-E

Entry supervisors are the individuals responsible for issuing the confined space permit. They will be trained on how to verify that all test have been done, as well as all procedures and equipment are in place before endorsing a permit. They will know how to cancel a permit and the reasoning for such action. Time is spent discussing onsite rescue services capabilities as well as the coordination with them when permit spaces are being issued.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Technical Rescue

Course Number — TR028

Confined Space - Attendant CS-A

Training for the Confined Space Attendant provides the designated attendant with the behavioral aspects of potential exposure as well as a continual count of designated entrants. This training will also train them on monitoring the activities inside and outside the permit space and when to order the exit if required. They will perform a non-entry rescue during the practical part of training.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Technical Rescue

Course Number — TR029

Confined Space - Supervisor CS-S

Entry supervisors are the individuals responsible for issuing the confined space permit. They will be trained on how to verify that all test have been done, as well as all procedures and equipment are in place before endorsing a permit. They will know how to cancel a permit and the reasoning for such action. Time is spent discussing onsite rescue services capabilities as well as the coordination with them when permit spaces are being issued.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Technical Rescue

Course Number — TR030

Confined Space Rescue: Awareness CSR-A

This course is designed to provide adequate education and training for personnel who have potential to be first responders to a confined space rescue incident. This course provides information on identification of confined spaces, common hazards associated with confined spaces, and operational limitations for the first responder.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 4

Technical Rescue

Course Number — TR032

Confined Space Rescue: Technician CSR-T (24 hours)

The CSR: Technician course offers comprehensive coverage of OSHA 29 CFR 1910.146 and meets all applicable training (including ANSI and NFPA) standards. In the classroom, the course introduces the student to the requirements of entry procedures as stated in the OSHA regulations. The classroom exercises emphasize the human element of the confined space equation and cover authorized entrant and attendant duties and the practical development of a Confined Space Rescue Team.

In the field, our staff will present the students with the techniques necessary to efficiently and proficiently perform the duties of confined space entrants/ attendants and the duties of a Confined Space Rescue Team. Five key areas of rope techniques covered include: Anchoring systems, Lowering systems, Hauling systems with mechanical advantage theory, Retrieval systems and Stretcher rescue systems.

All raising and lowering systems are integrated into retrieval systems. Each student will be individually responsible for performing each technique taught to him or her in the training program. The final section of the class introduces the student to the challenges of confined space rescue and includes a minimum of three confined space rescue scenarios. Each student's performance will be reviewed and evaluated.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Secondary Area of Concentration (if applicable) — Fire

Duration (Hrs) — 24

Technical Rescue

Course Number — TR031

Confined Space Rescue: Operations CSR-O (8 hours)

The Operations Level Rescue Course includes lecture, skills training, and scenario based exercises. Participants gain understanding of confined space hazards and the requirements of the new laws. Students will be guided through rescue procedures and actually enter the confined space, treat simulated injuries, package, and then transport the "victim" to safety. The course can be custom designed to meet specific client rescue needs. Clients may also choose the area or areas they wish to emphasize. Students receive copies of all course materials including a student manual. Upon successful course completion each student personalized certificate of completion.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

rerequisites — N/A

Technical Rescue

Course Number — TR040

Confined Space Awareness

This entry-level course is a must for all responders who may find themselves responding to confined space incidents. Personnel operating at this level will be able to perform certain "non-entry" rescue procedures and manage the scene appropriately.

At the completion of the course the Student will understand the OSHA requirement and risk management principles. In addition, students will be able to recognize confined spaces and perform a size up of existing and potential conditions. A focus on non-entry rescue techniques will include identification, assessment and procedures for assisting victims. Process and scene coordination will teach students how to implement the emergency response system for confined space emergencies, and to utilize site control and scene management fundamentals.

Classroom lecture style, including case studies and group work. Course requires 1 day (8 hours).

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Technical Rescue

Course Number — TR041

Confined Space Rescue Operations

This course is designed for personnel who will respond to and perform limited entry and rescue operations or support technician level personnel during confined space entry and rescue operations. At the completion of this course, the student shall learn how to protect him/herself, their team and their victims from the hazards within a confined space. Student will learn how to recognize and size up spaces and manage incidents appropriately, using the guidelines defined by NFPA and OSHA. Areas of focus will include environmental considerations, structural concerns, personal protective gear required and safety. Additional topics include victim transport and procedures for using ropes in a high angle environment. Combination of lectures, hands on activities, case studies and group work. Course requires 3 days (24 hours) and student to instructor ratio of 10:1.

Discipline — Fire

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR033

High Angle Rescue: Awareness HAR-A (8 hours)

High Angle Rescue: Awareness course will assist your organization in meeting awareness level training for the NFPA 1670 Standard. The target audience is any responder who, in the course of their duties, may be called to or be first on-scene at a high-angle rescue incident. This training introduces personnel to the problems of high-angle rescue, and procedures to follow.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Technical Rescue

Course Number — TR034

High Angle Rescue: Operations HAR-O (24 hours)

This course is designed to assist your agency in meeting the operations level of the NFPA 1670 Standard for High Angle incidents. The three-day course has one day of classroom and two days of practical field exercise. Students are trained in hazard recognition, equipment use and techniques necessary to conduct basic high-angle rescue. After completion of the course the certified personnel may participate in higher risk technical rescues under the supervisions of technician level rescuers.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 24

Technical Rescue

Course Number — TR035

High Angle Rescue: Technician HAR-T (40 hours)

This five-day course meets the requirements for the technician level of NFPA 1670 Standard for technical rope incidents. This is one day of classroom instruction followed by four field days. Students will advance from basic rescues to progressively more vertical scenarios. Students are trained in: preplanning and size-up of rope rescue operations; knots, hitches and anchor systems; belay operations; ascending and descending; raising and lowering systems; and patient packaging and litter attending among other disciplines. This course also covers advanced problem solving and highline systems. Special emphasis is placed on safety considerations for rescuers, victims and bystanders.

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 40

Technical Rescue

Course Number — TR036

High Angle Rescue: Specialist HAR-S (40 hours)

The HAR: Specialist course takes it to the NEXT level. Our instructors' train you on the myriad of additional skills needed to perform in the "unique" situations. Some of the areas include: High Angle Rescue on Ice/Water Fall areas; Lateral movement in rural and urban areas; Highline Rescue; Smokestack Rescue; and Mountain Rescue

Discipline — Technical Rescue

Area of Concentration — Technical Rescue

Duration (Hrs) — 40

Technical Rescue

Course Number — TR047

Domestic Animal Rescue

This course, developed with veterinarians, will look at various methods and approaches applicable to rescuing domestic animals. Areas covered include methods to calm and control animals.

Discipline — All Hazard

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Prerequisites — WRD 102

Technical Rescue

Course Number — TR059

Ice Rescue Emergency Response

This course prepares rescue personnel to evaluate and respond to ice related emergencies. Students will learn how to identify ice conditions, use ice rescue equipment; and practice shore, boat, and direct contact ice rescue techniques. Students must be prepared to engage in strenuous activities in extreme weather and water conditions. If a student has a known medical condition that could foreseeably jeopardize his or her safety during participation, or be aggravated by participation, the student should not participate. All rescues contained in this program are based on simple and effective techniques. A U.S. Coast Guard approved personal flotation device (PFD), water rescue helmet and appropriate clothing for water and weather conditions must be worn by the student at all times when practicing or attempting any of the recommended rescues.

Discipline — Maritime

Area of Concentration — Technical Rescue

Duration (Hrs) — 16

Prerequisites — WRD 101 or equivalent

Technical Rescue

Course Number — TR046

Vehicle Extrication

This course will look at various methods and approaches applicable to rescuing victims trapped in a vehicle in shallow water. Water dynamics and hydraulics will be reviewed.

Discipline — Maritime

Area of Concentration — Technical Rescue

Duration (Hrs) — 8

Prerequisites — WRD 102

Terrorism



Terrorism

Course Number — TRM001

Basic Terrorism Concepts for First Responders (National Fire Academy)

This course is designed to discuss terrorism, recognize on-scene key indicators, implement appropriate self-protective measures, define scene security, define and describe defensive considerations associated with biological, nuclear, incendiary, chemical, and explosive incidents. Emergency services personnel will also describe command and control issues, define and describe recovery and termination issues associated with terrorism incidents.

Discipline — All Hazard

Duration (Hrs) — 16

Weapons of Mass Destruction

Weapons of Mass Destruction

Course Number — WMD001

WMD Engine Company Operations

A one day, eight-hour course designed to prepare engine company personnel to respond safely during the initial stages of a WMD event. The student will become familiar with the history of terrorism, chemical and physical hazards associated with weapons of mass destruction (chemical, biological, and nuclear), and the appropriate public response to changing threat levels. In addition, the course will cover appropriate initial actions, personal protective equipment, emergency and mass decontamination, resource management and integration of state and federal assets.

Classroom style lecture including real life case studies and instructor experiences. Course requires a day (8 hours) based on resources and instructor needs.

Discipline — Fire

Area of Concentration — WMD

Duration (Hrs) — 8

Weapons of Mass Destruction

Course Number — WMD003

Law Enforcement: WMD Crime Scene Technician (40 hours)

The LE: WMD Crime Scene Technician course is for those personnel who are responsible for identifying, collecting packaging, and transporting various hazardous materials such as biological, chemical, radioactive and nuclear materials. These materials can be from a terrorist attack, criminal activity, or public or industrial accident.

Discipline — Law Enforcement

Area of Concentration — WMD

Duration (Hrs) — 32

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