



UT CIS Training Catalog

HEALTH, SAFETY &
EMERGENCY
PREPAREDNESS



Center for Industrial Services
INSTITUTE *for* PUBLIC SERVICE

Contents

OSHA Training Institute Education Center.....	1
Health and Safety	7
HAZWOPER/Hazardous Waste Management	11
Emergency Response and Preparedness	13

“As an administrator, knowing that UT CIS is doing our training alleviates any questions or concerns as to the level of training we will receive.”

Lee Rayburn, Lieutenant, Jefferson City Fire Department

THE CENTER FOR INDUSTRIAL SERVICES (UT CIS) delivers technical assistance and training to businesses, industries, emergency response organizations and communities throughout Tennessee and surrounding states. UT CIS has real-world experience and expertise to give businesses and communities the tools they need to grow, succeed and create good jobs. Whether you need assistance with employee safety, emergency preparedness or regulatory compliance, UT CIS can help you find the right solutions to meet your goals. In addition to having a skilled and experienced staff who can help you define and solve your most pressing problems, UT CIS can connect you with the expertise of universities, federal laboratories and other resources across the country.

Contact us at cis@tennessee.edu for more information, or visit our website at cis.tennessee.edu/health_safety.

OSHA Training Institute Education Center

The Volunteer State OTI Education Center is a partnership between the University of Tennessee and Volunteer State Community College. As an OTI Education Center we are authorized by OSHA to deliver high quality, nationally recognized training to public and private sector workers, supervisors and employers. Our experienced instructors can offer these programs to you as either open enrollment or site delivered classes. The Volunteer State OTI Education Center is one of only 25 centers nationwide.

The OTI Education Centers provide training nationwide to private sector and federal personnel from agencies outside OSHA. Centers are selected based on organizational experience, staff experience, location and training facilities, marketing and recruitment, administrative capabilities, evaluation, and the ability to provide training throughout a given region. The OTI Education Centers program was created in 1992 to complement the OSHA Training Institute in Arlington Heights, Ill., which provides training and education to OSHA compliance officers.

OSHA #500 TRAINER COURSE IN OSHA STANDARDS FOR CONSTRUCTION

This course is designed for individuals

interested in teaching the 10- and 30-hour construction safety and health Outreach Training Program to their employees and other interested groups. Using OSHA Construction Standards as a guide, special emphasis is placed on those topics required in the 10- and 30-hour programs as well as those which are most hazardous. Students are briefed on effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the OSHA Outreach Training Program, to conduct both 10- and 30-hour Construction Outreach classes, and to issue cards to participants after verifying course completion. Students who wish to participate as authorized Outreach trainers in the OSHA Outreach Training Program must prepare a presentation on an assigned OSHA Construction Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

OSHA #501 TRAINER COURSE IN OSHA STANDARDS FOR GENERAL INDUSTRY

This course is designed for individuals interested in teaching the 10 and 30-hour general industry safety and health Outreach Training Program to their employees and other interested groups. Using the OSHA General Industry Standards as a guide, special emphasis is placed on those topics required in the 10- and 30-hour programs as well as those which are most hazardous. Students are briefed on

effective instructional approaches and use of visual aids and handouts. This course allows the student to become a trainer in the OSHA Outreach Training Program, to conduct both 10- and 30-hour General Industry Outreach classes, and to issue cards to participants after verifying course completion. Students who wish to participate as authorized trainers in the OSHA Outreach Training Program must prepare a presentation on an assigned OSHA General Industry Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

OSHA #502 UPDATE FOR CONSTRUCTION INDUSTRY OUTREACH TRAINERS

This course provides an update for currently authorized OSHA Construction Industry Outreach Trainers on topics such as OSHA construction industry standards, policies and regulations. Construction Industry Outreach Trainers are required to attend this course once every four years to maintain trainer status.

OSHA #503 UPDATE FOR GENERAL INDUSTRY OUTREACH TRAINERS

This course provides an update for currently authorized OSHA General Industry Outreach Trainers on topics such as OSHA general industry standards, policies and regulations. General Industry Outreach Trainers are required to attend this course once every four years to maintain trainer status.

OSHA #510 OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR CONSTRUCTION

This course covers OSHA policies, procedures,

and standards, as well as construction industry safety and health principles. A copy of the 29 CFR 1926 Construction Industry Standards is included with the registration fee. Participants must successfully pass a written exam at the end of the course. For those interested in becoming authorized to teach OSHA 10-hour and 30-hour construction classes, the OSHA #510 course meets one of two prerequisites for the OSHA #500 Trainer Course for the Construction Industry. Please note, the 30-hour Construction Industry OSHA outreach class is not considered equivalent to OSHA #510.

OSHA #511 OCCUPATIONAL SAFETY AND HEALTH STANDARDS FOR GENERAL INDUSTRY

This course covers OSHA policies, procedures, and standards, as well as general industry safety and health principles. A copy of the 29 CFR 1910 General Industry Standards is included with the registration fee. Participants must successfully pass a written exam at the end of the course. For those interested in becoming authorized to teach OSHA 10-hour and 30-hour General Industry classes, the OSHA #511 course meets one of two prerequisites for the OSHA #501 Trainer Course for General Industry. Please note, the 30-hour General Industry OSHA outreach class is not considered equivalent to OSHA #511.

OSHA #2015 HAZARDOUS MATERIALS

This course covers OSHA General Industry Standards and other consensus and proprietary standards that relate to the use of hazardous materials. Course topics include flammable and combustible liquids, compressed gases, LP-gases, and cryogenic liquids. Upon course

completion students will have the ability to assess compliance with OSHA hazardous materials standards, determine hazardous (classified) locations, and proper moving, storing, and handling of hazardous materials.

OSHA #2264 PERMIT-REQUIRED CONFINED SPACE ENTRY

This course covers the safety and health hazards associated with permit-required confined space entry. Course topics include recognition of confined space hazards, identification of permit and non-permit required confined spaces, use of instrumentation to evaluate atmospheric hazards, ventilation techniques, development and implementation of a confined space program, proper signage, and training requirements. Upon course completion students will have the ability to identify permit and non-permit required confined spaces, reference the OSHA Permit-Required Confined Spaces Standard, conduct atmospheric testing, and implement a permit-required confined space program.

OSHA #3015 EXCAVATION, TRENCHING AND SOIL MECHANICS

This course focuses on the operations and safety aspects of excavation and trenching. Participants are introduced to practical soil mechanics and its relationship to the stability of shored/unshored slopes and walls. Various types of shoring (wood timbers and hydraulic) are explained. Testing methods are demonstrated, allowing students to use instruments such as penetrometers, torvane shears, and engineering rods. Upon successful



completion of this course, students will have the ability to assess employer safety with the current standard, utilize soil-testing methods to classify soil types, determine protective systems for excavation operations, and determine training requirements.

OSHA #3085 PRINCIPLES OF SCAFFOLDING

This course covers the requirements for safe construction and use of scaffolding using OSHA's construction scaffold standards as a guide. Course topics include hazards associated with scaffold design, assembly, disassembly and use, types of scaffolds, determining scaffold capacity, employee qualifications and training and maintenance, repair and inspection

requirements. Upon course completion students will have the ability to identify the types of scaffolds and their components, determine safe assembly, use, and disassembly and recognize common violations of OSHA standards.

OSHA #3115 FALL PROTECTION

This course covers the OSHA Fall Protection Standard for construction and an overview of fall protection methods. Course topics include principles of fall protection, components and limitations of fall arrest systems, and OSHA Standards and policies regarding fall protection. Upon course completion students will have the ability to assess compliance with the OSHA Fall Protection Standard, evaluate installed passive systems and fall arrest systems, and develop and implement fall protection plans.

OSHA #7105 EVACUATION AND EMERGENCY PLANNING

This course covers OSHA requirements for emergency action and fire protection plans. Course topics include purpose and requirements of emergency action and fire prevention plans, elements of emergency evacuation plans, and features of design and maintenance of emergency exit routes. Upon course completion students will have the ability to list the elements of an emergency action plan and emergency evacuation floor plans, recognize violations of OSHA exit route requirements, determine whether their organization requires an emergency action plan, and develop and implement workplace emergency action and fire protection plans.

OSHA #7200 BLOODBORNE PATHOGEN EXPOSURE CONTROL

This course covers the development and implementation of Exposure Control Plans (ECP). Course topics include understanding the OSHA Bloodborne Pathogens Standard, determining potential exposure and control methods, developing an ECP, vaccinations, exposure incidents, training, and record keeping. The target audience is the program administrator, manager, or other personnel designated with the responsibility of developing a Bloodborne Pathogens ECP. Upon course completion, the participant will have the ability to take a systematic approach to develop an ECP.

OSHA #7205 HEALTH HAZARD AWARENESS

This course covers common health hazards that are encountered in the workplace. These health hazards include exposure to chemicals, asbestos, silica and lead. Course topics include identification and evaluation of health hazards and their sources of exposure, health hazard information, and engineering and work practice controls. Upon course completion students will have the ability to understand common health hazards in the workplace and methods for controlling and abatement of these hazards.

OSHA #7235 RESPIRATORY PROTECTION PROGRAM

This course is designed primarily for participants with limited technical backgrounds who need assistance understanding OSHA's requirements for written respiratory protection programs. It will help them make informed decisions about how to administer their

program and who (within or outside of their organization) should help implement it. Depending on the extent and complexity of the hazards present and the level of respiratory protection needed, the course could benefit those interested in serving as a program administrator for their workplace respiratory protection program.

OSHA #7300 UNDERSTANDING OSHA'S PERMIT-REQUIRED CONFINED SPACE STANDARD

This course covers the requirements of the OSHA Permit-Required Confined Space Standard. Course topics include safety and health hazards associated with confined space entry, and the evaluation, prevention, and abatement of these hazards. The course covers OSHA requirements. Upon course completion students will have a basic understanding of confined space hazards, evaluating and

abatement of the hazards, and determining when a confined space shall be classified as a permit-required confined space.

OSHA #7405 FALL HAZARD AWARENESS FOR THE CONSTRUCTION INDUSTRY

This course covers the identification, evaluation, prevention and control of fall hazards in the construction industry. The course focuses on falls to a lower level rather than falls to the same level resulting from slips and falls. Course topics include identifying, analyzing, and preventing fall hazards utilizing OSHA Fall Protection Standards.

OSHA #7410 MANAGING EXCAVATION/TRENCHING OPERATIONS

This course covers the requirements to manage excavation/trenching operations. The course will include an understanding of the OSHA excavation requirements, excavation/trenching



hazards, and control measures. Additionally, participants will learn about soil analysis techniques and protective system requirements.

OSHA #7500 INTRODUCTION TO SAFETY AND HEALTH MANAGEMENT

This course covers the effective implementation of a company's safety and health management system. The course addresses the seven core elements of an effective safety and health management system and those central issues that are critical to each element's proper management. Upon course completion students will have the ability to evaluate, develop, and implement an effective safety and health management system for their company.

OSHA #7505 INTRODUCTION TO INCIDENT (ACCIDENT) INVESTIGATION

This course covers an introduction to basic accident investigation procedures and describes accident analysis techniques. Course topics include reasons for conducting accident investigations, employer responsibilities related to workplace accident investigations, and a six-step accident investigation procedure. The target audience is the employer, manager, employee or employee representative who is involved in conducting accident and/or near-miss investigations.

OSHA #7510 INTRODUCTION TO OSHA FOR SMALL BUSINESSES

This course covers an introduction to the Occupational Safety and Health Administration (OSHA) and the OSH Act for owners and managers of small businesses. Course topics include an introduction to OSHA,

OSHA Standards, the inspection process, implementing a safety and health program, worker training requirements and assistance available to small businesses.

OSHA #7515 JOB HAZARD ANALYSIS

This course covers OSHA guidelines for developing a Job Hazard Analysis. Course topics include the purpose and requirements of a job hazard analysis, the relationship between worker tasks and tools in a work environment, identifying job hazards before they occur, and techniques for completing a job hazard analysis.

OSHA #7845 RECORDKEEPING RULE SEMINAR

Learn how to complete the OSHA 300 annual summary log and use it to target injury and illnesses. The workshop covers recording criteria on hearing conservation and musculoskeletal disorders. The workshop also covers day counts, annual summary, employee involvement, privacy protection, and information reporting to the government.

OSHA 10-HOUR GENERAL INDUSTRY

This course provides instruction on a variety of general industry safety and health hazards. It's particularly useful for those who are just entering the safety field and would like a better understanding of what is required and where to start. Course subject matter includes an introduction OSHA; OSHAct/General Duty Clause; inspections, citations and penalties; walking and working surfaces; means of egress and fire protection; and electrical. Note: Students who complete this will receive an OSHA 10-Hour General Industry card. These

courses can be delivered on-site at your workplace.

OSHA 30-HOUR GENERAL INDUSTRY

This course covers more subjects and goes into more detail than the OSHA 10-Hour. Good for safety managers and maintenance personnel as well as safety committees, etc., course subjects include Intro to OSHA, electrical, safety and health management programs, machine guarding, permit-required confined spaces and lockout/tagout. Students who complete the course will receive an OSHA 30-Hour card. These courses can be delivered on-site at your workplace.

OSHA 10-HOUR CONSTRUCTION COURSE

This course provides instruction on a variety of construction safety and health hazards. It's particularly useful for those who are just entering the safety field and would like a better understanding of what is required and where to start. Course subject matter includes an introduction OSHA; OSHAct/ General Duty Clause; inspections, citations and penalties; Focus Four Hazards; health hazards in construction, PPE, ladders and materials handling. Note: Students who complete this will receive an OSHA 10-Hour Construction card. These courses can be delivered on-site at your workplace.

OSHA 30-HOUR CONSTRUCTION

This course covers more subjects and goes into more detail than the OSHA 10-Hour. The course is good for construction safety managers, safety committees and other personnel with

responsibilities of a safety program. Training should emphasize hazard identification, avoidance, control and prevention, not OSHA standards. Students who complete the course will receive an OSHA 30-Hour card. These courses can be delivered on-site at your workplace.

HEALTH AND SAFETY

OSHA SAFETY AUDITS

A Mock OSHA Safety Audit is a complete audit covering the same activities as an actual OSHA audit. It is designed to identify gaps in your safety program. Conducted on-site at your facility, the audit includes a review of your OSHA 300 logs, OSHA written and training programs, and a walk through of your workplace to identify potential safety and health hazards and OSHA violations. After the audit, we provide a thorough written report that includes our observations made during the walkthrough including areas for improvement.

OSHA WRITTEN PROGRAMS AND TRAINING - THE REQUIREMENTS

More than 50 OSHA standards require written programs. This course provides an overview of these OSHA standards by covering written program basics and identifying example plans. It identifies who must be trained and identifies example training programs that can be accessed.

HSE POLICY AND PROCEDURE DEVELOPMENT/REVIEW

Our team of experts can advise on, update and write HSE policies and procedures for your organization including machine specific LOTO

procedures. We will help you determine which regulations apply and address any questions related to health and safety requirements.

SAFETY COMMITTEE STRATEGIES

The objective of this four-hour workshop is to examine successful safety committee strategies used by Tennessee companies. The workshop examines the issues such as roles of safety committees, energizing the committee and program, interaction of top management and supervisors with the committee, VPP and SHARP safety committee requirements.

INVESTIGATION ACCIDENT BASICS

Half day workshop that covers the practical applications of an accident investigation process. We look at how to identify causes of accidents and how to develop effective corrective actions. Effective accident investigations help companies avoid costs associated with lost-time, workers comp, and even litigation. Also covers OSHA recordkeeping basics as well.

ISO 450001 CONSULTING AND TRAINING

ISO 45001 is the International Standard for Occupational Health and Safety Management Systems requiring organizations to identify hazards, risks and opportunities then take appropriate action to address those issues before they arise. UT CIS can help you prepare to meet the key elements of this standard to ensure a safe working environment.

CONFINED SPACE AUDITS

Our team of professionals will come to your location and evaluate your procedures, working

practices and the confined spaces to ensure that safety of your employees. After a thorough audit, we will provide an opinion of the overall program and guidance for improvement, if needed. We also offer a 1-day confined space overview class that many folks combine with an audit.



8-HOUR CONFINED SPACE OVERVIEW

OSHA regulation 29 CFR 1910.146(g) requires an employer to train employees who enter, attend to or supervise confined spaces. In this introductory course, learn to identify confined spaces, the major confined space hazards, principles of ventilation, entry permitting and the requirements of a permit-required confined space program.

16-HOUR CONFINED SPACE OPERATIONS

This 16-hour program includes and expands upon the information provided in the Confined Space Overview Course.

8-HOUR EXCAVATION COMPETENT PERSON/TRENCH SAFETY

This course covers the responsibilities of the excavation “competent person” as spelled out in OSHA 29 CFR 1926.650. Students learn the OSHA accepted soils classification methods, types of testing required, how to select protective systems, and the elements of an excavation safety program.

2-HOUR TRENCH SAFETY AWARENESS

In this program, you will review the risks of excavation and trench collapses. By discussing measures that protect workers, using accepted practices and government regulations, you will identify elements in a Standard Operating Procedure (SOP) that will guide you in using safe work practices and responding to emergencies.

FIRE EXTINGUISHER TRAINING

Fire safety in the workplace is important no matter where you work. After this course you will be able to recognize the different classes of fire, understand the different types of fire extinguishers and how to safely use them.

FIRST AID, CPR / AED

Participants will learn the appropriate action to take in an emergency until professional help arrives. Meets OSHA standards for first aid in the workplace. Participants receive certification in First Aid, CPR/AED.

BLOODBORNE PATHOGENS TRAINING

This course is designed for anyone who works in a setting where they may be exposed to bloodborne pathogens (BBP) or other potentially infectious diseases. Participants may include nurses, physicians, EMS personnel, dental workers, lab workers, janitors, etc. Meets requirements of OSHA 1910.1030.

EMERGENCY MEDICAL RESPONDER

The course is designed for both first response professionals in a municipal environment or industrial setting. The program provides a detailed and comprehensive approach for managing out-of-hospital emergencies prior to EMS arriving.

FALL PROTECTION TRAINING

Falls are one of the most common causes of deaths and injuries to workers in the US. This course can be tailored to your setting to ensure you receive training that is specific to you. Participants will learn how to work at heights safely to prevent injuries and fatalities.

QUALIFIED RIGGER/SIGNAL PERSON TRAINING

Upon completion of this class the basic qualified rigger will be able to: inspect rigging, use various types of rigging equipment and basic hitches, recognize associated hazards, and signal operations, identify and describe the use of slings and common rigging hardware, basic inspection techniques and rejection criteria used for slings and hardware, demonstrate proper use of American National Standards Institute (ANSI) hand signals. Describe basic



hitch configurations, proper connections, and basic load-handling safety practices. Upon successful completion of this class, students will be qualified in basic rigging and signaling to meet updated OSHA crane standards.

SCAFFOLD SAFETY

Awareness of scaffold safety, basic fall protection and equipment inspected are presented in this course applicable to new hires, those moving into an industry where they are working at heights, or personnel who may provide safety oversight. Applicable OSHA requirements will be covered.

FORKLIFT OPERATOR SAFETY / TRAIN-T-TRAINER

Forklifts, sometimes referred to as powered industrial trucks, are vital in many industrial applications. This course aligns with OSHA's training requirements, covering typical hazards, stability principles, anatomy, maintenance,

inspections, and safe operations. The course consists of lecture and hands-on training.

AERIAL LIFT OPERATOR / TRAIN-T-TRAINER

Aerial lifts or mobile elevated work platforms (MEWP) are common in the industrial and construction setting but pose many risks. This training aligns with OSHA regulations to help identify hazards before they lead to an injury in the workplace. The training covers safe operations, following guidelines and proper PPE for operation.

UTV OPERATOR SAFETY

UTV's are becoming more common in the workplace and safety training is must for those designated to operate them. This course ensures you meet 29 CFR 1926.21 regulations. We will discuss proper operation procedures, common hazard mitigation and risks related to the operation of UTV/ATV.

OVERHEAD CRANE SAFETY

This course is designed for personnel working in a manufacturing setting. During the course we cover safe operations and proper operation of overhead cranes. The course will enable workers to safely prepare, carry out and transfer loads.

LOCKOUT/TAGOUT

Every facility or office relies on hazardous energy to power machines and equipment. This covers the basics of LOTO to prepare team members the ability to recognize and avoid hazards they may encounter during maintenance tasks.

CONDUCT AND EVALUATE DRILLS

We will come to your location to conduct and evaluate drills based on your hazards. When completed, participants will be better able to: Demonstrate competency in completing an assignment during a drill, participate in a debriefing to identify areas for improvement, respond to external input regarding areas of improvement, if appropriate, identify approaches to achieving improvements identified.

EVACUATION COORDINATION

The program is designed to provide Evacuation Coordinators with the knowledge and skills required to assist employees in evacuating their facility in the event of an emergency. The course discusses the requirements in 29 CFR 1910.38.

HEAT AND COLD SAFETY

This is an awareness-level course designed to train workers to reduce their risk of heat and cold stress and treat heat- and cold-related illness if needed.

HAZWOPER/HAZARDOUS WASTE MANAGEMENT

40-HOUR HAZWOPER, HAZARDOUS WASTE SITE WORKER

Learn about hazard recognition, personal protective equipment and monitoring, as well as rights and responsibilities under the Occupational Safety and Health Administration. Above all, learn how to work safely around hazardous materials and wastes. This course meets the training requirements of the Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) regulation, 29 CFR 1910.120(e)(3)(i).

24-HOUR HAZWOPER, HAZARDOUS WASTE SITE WORKER

Learn about hazard recognition, personal protective equipment and monitoring, as well as rights and responsibilities under the Occupational Safety and Health Administration. Above all, learn how to work safely around hazardous materials and wastes. This course meets the training requirements of the Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) regulation, 29 CFR 1910.120(e)(3)(ii).

40-HOUR HAZARDOUS MATERIALS TECHNICIAN

If you are required to physically approach and plug, patch, or otherwise stop the flow of a hazardous substance, according to 29CFR 1910.120 (q)(6)(iii), you must be trained to the level of technician. In this hands-on course, you learn to manage a hypothetical emergency,

implement a response plan, identify and classify spilled materials, use personal protective equipment and decontaminate the site.

24-HOUR OPERATIONS LEVEL EMERGENCY RESPONSE

Under 29 CFR 1910.120(q)(6)(ii), workers must be trained to the operations level before they are authorized to help control the spread of hazardous waste spills. In this course, students refine their ability to recognize hazards and improve their decontamination, monitoring, and safe work practices, as well as participate in full dress-out using personal protective equipment. Students must complete the medical evaluation and bring it to class.



4-HOUR HAZARDOUS MATERIALS AWARENESS

Under 29 CFR 1910.120(q)(6)(i), First responders at the awareness level are individuals who are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence by notifying the proper authorities of the release.

They would take no further action beyond notifying the authorities of the release.

8-HOUR HAZWOPER REFRESHER

This is the annual refresher training required for personnel who have completed the 40-Hour training course under 29 CFR 1910.120(q)(6) and 29 CFR 1910.120 (e)(3). The course focuses on changes in the regulations, new technology, hazard recognition and hazardous materials response procedures.

SITE-SPECIFIC HAZARDOUS MATERIALS COURSES

These courses are tailored to meet the demands of the customer's site or specific hazards. Each course can be tailored to your site or organization to ensure that we are covering the hazards you may encounter. Sample topics include Ammonia Response, Air Monitoring, etc.

DOT HAZ-MAT (INITIAL)

This course covers and tests all the subjects needed to fulfill the Department of Transportation (DOT) requirement 49 CFR 172.704(d)(5). Under DOT regulations, employees who impact the shipping and receiving of hazardous materials must be trained and tested, then certified by their employer. This includes workers who prepare sign hazardous materials/waste manifests, workers who prepare hazardous materials for shipment off-site and hazardous waste generators.

DOT HAZ-MAT REFRESHER

After completing initial Hazardous Waste Operations and Emergency Response Standard training, under 49 CFR 172.700, refresher

training is required every three years. In this course, you will review material classifications, hazard communication and requirements for loading and unloading, as well as any changes to DOT regulations.

HAZARD COMMUNICATION (HAZ-COM)

After completing this training, participants will be able to identify the meaning of label elements, link pictograms and hazards, identify acceptable labels, demonstrate use of label information, use an SDS format to find information, and show relation between label and SDS information. This course covers requirements in 29 CFR 1910.1200.

MEDICAL WASTE WORKER

This program fulfills OSHA HAZWOPER training requirements for operations-level personnel. The course is designed to serve individuals who collect biological or/and pharmaceutical waste in healthcare, research or other facilities. Class content covers requirements of the HAZWOPER standard, chemical hazard recognition exercises, interpretation of chemical hazard information resources, use of work-related PPE, waste/product collection procedures, and mitigation/response practices for incidental spills.

EMERGENCY RESPONSE AND PREPAREDNESS

CONFINED SPACE RESCUE/NFPA OPERATIONS LEVEL

Participants will have the ability to evaluate, manage and perform a confined space rescue in accordance with NFPA 2500 and NFPA 1006.

Participants will have hands-on practice using typical confined space rescue equipment. The curriculum meets or exceeds requirements for rescue training in accordance with OSHA 29 CFR 1910.146. The course is designed for both private industry and fire departments.

CONFINED SPACE RESCUE/NFPA TECHNICIAN LEVEL

Participants will have the ability to evaluate, manage and perform a confined space rescue in accordance with NFPA 2500 and NFPA 1006. Participants will have hands-on practice using typical confined space rescue equipment. The curriculum meets or exceeds requirements for rescue training in accordance with OSHA 29 CFR 1910.146. The course is designed for both private industry and fire departments.

CONFINED SPACE RESCUE REFRESHER

The course is designed to provide hands-on training that allows students to stay up to date in confined space rescue. The course consists of primarily hands-on skills related to the JPR's of NFPA 1006. The course is designed for both private industry and fire departments.

16-HOUR MANHOLE OPERATIONS AND SAFETY TRAINING

All personnel entering utility access points, vaults or other utility installations must be trained for proper entry. Additionally, personnel on-site must be trained for rescue from these facilities. This course provides the information and practical exercises needed for safe entry operations.

ROPE RESCUE I/NFPA OPERATIONS LEVEL

Teaches personnel how to safely conduct basic rope rescue operations. Focuses on various knots, rescue hardware, auxiliary equipment, personal protection equipment, rope care and maintenance and standards governing basic rope rescue operations.

ROPE RESCUE II/NFPA TECHNICIAN LEVEL

Upon the successful completion of this course, emergency responders will have the skills and knowledge required for certification to Chapter 6.2. "Rope Rescue Level II," as described in the National Fire Protection Association (NFPA) 1006, Standard for Technical Rescuer Professional Qualifications (2008 edition), includes the areas of multi-point anchors, compound Mechanical Advantages (MA), highline systems, and pick-off systems.

TRENCH RESCUE I, NFPA OPERATIONS LEVEL

Meets certification requirements for Trench Rescue operations based on NFPA 2500 and NFPA 1006. Covers soil mechanics and analysis, trench assessment practices, trench protective systems, excavation safety practices, trench/evacuation dynamics, basic collapse victim care, and incident management. The class is a combination of classroom and practical exercises in basic trenches.

TRENCH RESCUE II, NFPA TECHNICIAN LEVEL

Meets certification requirements for Trench Rescue technician based on NFPA 2500 and NFPA 1006. Covers soil mechanics and analysis, trench assessment practices, trench protective systems, excavation safety practices, trench/evacuation dynamics, basic collapse victim care, and incident management. The class covers "L"



and intersecting trenches in which participants will shore by using wood, mechanical and pneumatic shoring equipment.

40-HOUR STRUCTURAL COLLAPSE RESCUE I - NFPA OPERATIONS LEVEL

SCR-I Light Frame and unreinforced masonry collapse rescue provides participants with skills and cognitive sets to safely initiate and undertake rescue/recovery operations at structural collapse incidents.

40-HOUR STRUCTURAL COLLAPSE RESCUE II - NFPA TECHNICIAN LEVEL

The SCR-II concrete building collapse training program is a continuation class from SCR I. The SCR-II program provides students with practical and cognitive skill sets to safely undertake rescue/ recovery operations in concrete/heavy wall structures.

RIGGING FOR EMERGENCY SERVICES

This course is designed to introduce personnel to basic rigging techniques for unique situations. The course involves classroom and hands-on exercises. Participants will learn basic hand signals, crane types and uses, and heavy lifting techniques. The skills learned will equip you with the knowledge to safely perform lifting and moving operations of debris, collapsed structures and other items to access and free victims at natural or man-made disasters.

VEHICLE RESCUE/NFPA OPERATIONS LEVEL

Expands upon the principles and theory learned in vehicle rescue awareness to include safety considerations, hazard control and the team process. Highlights vehicle technology

and its impact upon rescue activities as well as safety concerns.

VEHICLE RESCUE/NFPA TECHNICIAN LEVEL

Expands upon the lessons learned and skills developed in the Vehicle Rescue Operations program and takes them in a multitude of directions. The focus of the program is situational problem solving and the development of the team concept.

4, 8 AND 16-HOUR INDUSTRIAL INCIDENT MANAGEMENT SYSTEM

These courses cover the basics of an incident command system, including how to design a system, standard operating procedures, hazard and risk evaluation, site management and control, media relations, and how a system will work with local, state and federal incident management plans.

HOSPITAL DECONTAMINATION COURSE

This class fulfills the OSHA recommendations for training of First Receivers, as defined in OSHA Best Practices for Hospital-Based First Receivers of Victims from Mass Casualty Incidents Involving Release of Hazardous Substances. The class is divided into four modules: HAZCOM awareness, decontamination practices, and practical exercises in decontamination procedures and use of PPE.

BASIC INDUSTRIAL FIREFIGHTING

This course can be offered as an initial course or refresher training. Topics may include fire behavior, SCBA drills, hose handling, search & rescue, and fire extinguishment.



“UT CIS instructors have work experience that directly relates to the classes they teach and allows them to speak with authority about their topic and causes the trainee to be especially attentive to the dangers that may be present.”

*Brent Ogles,
Tennessee Association of Utility Districts*

POST STORM RESPONSE SAFETY

This training addresses occupational safety and health hazards that may be encountered by responders, workers and employers involved in disaster site response and recovery operations. This program will address general safety hazards found in post storm environments, electrical hazards, driving hazards, the FEMA Disaster Marking System, chain saw safety and water hazard safety practices.

FALL PROTECTION RESCUE

This training course is designed for any supervisor or personnel who work at heights in construction or general industry. This course teaches the basics of self-rescue as well as assisting a fall victim. Participants will expand their rescue skills as well as better understand the requirements of OSHA, ANSI and CSA with regard to rescue. Participants will be involved in practical hands-on work and should dress accordingly.

EMS CONTINUING EDUCATION CLASSES

We offer various topics and courses for EMS license continuing education hours. The courses can be tailored to your needs or traditional continuing education classes from various entities. Contact us for more information around these courses.