

2021 | COURSE CATALOG



GLOBAL OSHA

Global Occupational Safety and Health Academy, LLC

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*No Boundaries.
Training
Conducted
Anywhere in
the World.*



A Message from Dr. Henry Payne:

Accreditation is an essential component for any training provider. Being evaluated and accredited by an independent third-party organization, using accepted standards for education and training, ensures the training demonstrates a high level of validity, integrity, and quality. This is an essential component in many fields in which professional certifications are prevalent. This is especially true in the field of occupational safety and health as it relates to professional certifications such as Certified Safety Professional (CSP), Construction Health and Safety Technician (CHST) and Certified Industrial Hygienist (CIH), which require ongoing Continuing Education Units (CEUs) in order maintain these certifications. As the former Director for OSHA Training and Education, I ensured that the OSHA Training Institute (OTI) was accredited by the International Accreditors for Continuing Education and Training (IACET). I did so in order to ensure that the training was developed, delivered, and evaluated based on recognized standards of excellence. **I'm pleased that Global OSHA is fully accredited by the same organization as OTI.**

Global Occupational Safety and Health Academy, LLC (Global OSHA) is accredited by the International Accreditors for Continuing Education and Training (IACET) under the ANSI/IACET 2018-1 Standard for Continuing Education and Training, a proven model for developing effective and valuable continuing education and training. Global Occupational Safety and Health Academy, LLC complies with the ANSI/IACET Standard, which is recognized internationally as a standard of excellence in instructional practices. As a result of this accreditation, Global Occupational Safety and Health Academy, LLC is authorized to issue IACET Continuing Education Units (CEUs).

International Accreditors for Continuing Education and Training (IACET)



IACET publishes the ANSI/IACET Standard and accredits users of its standard. IACET accreditation verifies that Accredited Providers are capable of developing continuing education and training programs that meet the ANSI/IACET Standard. IACET's history includes the development of the original Continuing Education Unit (CEU) and creation and maintenance of the ANSI/IACET Standard for Continuing Education and Training. IACET uses the ANSI/IACET Standard, in-depth research on the learning process, and input from subject matter experts to develop a framework for continuous improvement and a superior learning experience. IACET is the premier standard-setting organization for the continuing education and training industry, and is an accredited Standards Developing Organization by the American National Standards Institute (ANSI).

American National Standards Institute (ANSI)

The American National Standards Institute (ANSI) is the U.S. standards and conformity assessment organization. It oversees the creation, distribution and use of thousands of norms and guidelines that directly impact business in nearly every sector in the economy. ANSI is the U.S. representative of ISO - the International Organization for Standards - and is a founding member of the International Accreditation Forum. ANSI approves IACET as an ANSI Standards Developer. ANSI ensures that IACET's procedures to develop American National Standards meet its essential requirements for openness, balance, consensus, and due process.



Global Occupational Safety and Health Academy, LLC Accreditation and CEUs

Global OSHA has now completed its renewal process for 2021. As an IACET Accredited Provider, Global OSHA will continue to offer CEUs for its programs. Global OSHA course completion certificates include the CEUs issued for the respective courses. We believe in the value of accreditation and stand behind the quality of the training delivered by Global Occupational Safety and Health Academy, LLC.

Henry E. Payne, PhD
President
Global Occupational Safety and Health Academy, LLC

GLOBAL OCCUPATIONAL SAFETY AND HEALTH ACADEMY, LLC COURSE CATALOG

The Global Occupational Safety and Health Academy conducts a wide range of occupational safety and health courses for safety professionals and workers in various industries. The training is based on learning objectives established by former senior management from the OSHA Directorate of Training and Education.

The curriculum is developed by safety experts, many of whom are former instructors for the OSHA Training Institute (OTI) and have advanced degrees and/or CSP or CIH certifications. Global OSHA courses are organized by series and include the following.

#100 Series	Introductory Courses	8	Hours
#200 Series	Intermediate Courses	24	Hours
#300 Series	Intermediate Courses	8	Hours
#400 Series	Advanced Courses	24	Hours
#500 Series	Trainer & Prerequisite Courses	8/24	Hours
#600 series	Introductory Short Course	2	Hours

#100 SERIES INTRODUCTORY COURSES (8-HOUR)

These introductory level training courses are intended for entry-level workers as an orientation to hazards that are most frequently encountered and most dangerous at a specific type of workplace or job site. The focus is on hazard awareness, identification, recognition, and avoidance. These courses are one day in length.

COURSE DESCRIPTION

#100 Introductory Construction Worker Safety

This course provides basic instruction on construction safety and health hazard awareness, identification, recognition, and avoidance in the workplace and on the job site. The course is composed of five hours of mandatory topics and three hours of electives topics. The mandatory topics include instruction on each of the following topics: Fall Hazards, Electrical Safety, Caught-In or Between Hazards, Struck-By Hazards, Ladders and Stairways, Personal Protective Equipment, and Tool Safety. The remaining three hours of electives topics are at the discretion of the trainer. This gives the trainer the ability to adapt the topics to meet the needs of the specific audience. For a complete list of Construction Worker Safety elective topics, see the *Global OSHA Outreach Training Program Requirements, Policies, and Procedures* document. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

COURSE DESCRIPTION

#101 Introductory General Worker Safety

This course provides basic instruction on general safety and health hazard awareness, identification, recognition, and avoidance in the workplace and on the job site. The course is composed of five hours of mandatory topics and three hours of electives topics. The mandatory topics include instruction on each of the following topics: Slips, Trips, and Falls; Electrical Safety; Personal Protective Equipment; Exit Hazards, Machine Guarding, Hazardous Materials and Ergonomics. The remaining three hours of electives topics are at the discretion of the trainer. This gives the trainer the ability to adapt the topics to meet the needs of the specific audience. For a complete list of General Worker Safety elective topics, see the *Global OSHA Outreach Training Program Requirements, Policies, and Procedures* document. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#102 Introductory Healthcare Worker Safety (available online only)

This course provides basic instruction on healthcare safety and health hazard awareness, identification, recognition, and avoidance in the workplace and on the job site. The course is composed of five hours of mandatory topics and three hours of elective topics. The mandatory topics include instruction on each of the following topics: Hazard Communication, Bloodborne Pathogens, Walking and Working Surfaces, Safe Patient Handling, Ergonomics, Respiratory Protection, Electrical Safety, and Personal Protective Equipment.

The elective topics are: Fire Prevention, Drug and Alcohol Abuse; Hazardous Materials; Contamination Hazards; Tuberculosis; and Workplace Violence. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#103 Introductory Distribution & Delivery Worker Safety

This course provides basic instruction on distribution and delivery safety and health hazard awareness, identification, recognition, and avoidance in the workplace and on the job site. The course is composed of general safety topics specifically related to the work done by warehouse and logistics personnel, delivery drivers, and couriers. This includes five hours of mandatory topics and three hours of elective topics. The mandatory topics include: Ergonomics; Housekeeping and Managing Debris; Ladder Safety; Materials Handling Safety; Safe Driving; Safe Lifting; Slips, Trips, and Falls; Walking and Working Surfaces; and Warehouse Safety.

The remaining three hours of elective topics are at the discretion of the trainer, and include such topics as: Distracted Driving; Loading Dock Safety; Fatigue in the Workplace; Hand, Wrist & Finger Safety; Manual Pallet Jack Safety; Motor Vehicles, Fork Lifts, and Powered Industrial Trucks; Motorized Pallet Truck Safety; and Heat Stress. For a complete list of Distribution & Delivery Worker Safety elective topics, see the Global Outreach Training Program Requirements, Policies, and Procedures document. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#104 Introductory Public Sector Worker Safety

This course provides basic instruction on distribution and delivery safety and health hazard awareness, identification, recognition, and avoidance in the workplace and on the job site. The course is composed of general and construction safety topics specifically related to the work done by municipal and public works employees at the city, county, and state level. This includes five hours of mandatory topics and three hours of elective topics. The mandatory topics include: Personal Protective Equipment; Electrical Safety; Fall Protection; Slips, Trips, and Falls; Caught-In or Between Hazards; Struck-By Hazards; Tool Safety; Machine Guarding; and Hazard Communication / GHS.

The elective topics are: Lock-Out/Tag-Out; Ladders and Stairways; Aerial Lifts; Excavation and Trenching Safety; and Heat Stress. This online version also includes a bonus module: Safety Orientation. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#106 Introductory Office Worker Safety

This course provides basic instruction on safety and health hazard awareness, identification, recognition, and avoidance in an office workplace. The course is composed of safety topics specifically related to the work done by office personnel. This includes the following topics: Office Safety; Safety Housekeeping and Accident Prevention; Hazard Recognition; Electrical Safety; Back Safety in Office Environments; Computer Workstation Safety; Fire Prevention in the Office; Safe Lifting; Office Ergonomics; Hand, Wrist & Finger Safety; Slips, Trips, and Falls; First Aid; Indoor Air Quality; Fitness and Wellness; and Evacuation Procedures. Upon successful completion of this course, students will be issued a course completion certificate, a digital badge for each topic, and a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#107 Hospitality Worker Safety

This course provides basic instruction on general safety and health hazard awareness, identification, recognition, and avoidance in hospitality workplace environments. The topics include: Ergonomics; Hazard Recognition; Safety Housekeeping & Accident Prevention; Electrical Safety; Slips, Trips & Falls; Safe Lifting; Workplace Stress; Hand, Wrist & Finger Safety; Indoor Air Quality; Back Safety in Industrial Environments; Evacuation Procedures; Industrial Fire Prevention; Workplace Violence; Hazard Communication in the Hospitality Industry; and Coronavirus: Guarding Against COVID-19. This online version also includes a bonus module: Safety Orientation. Upon successful completion of this course, students will be issued a course completion certificate, a digital badge for each topic and be eligible to separately purchase a wallet-size course completion card.

CONTACT HOURS: 8.5 CEUs: 0.9

**COURSE
DESCRIPTION**

#108 Introductory Manufacturing Worker Safety

This course provides basic instruction on safety and health hazard awareness, identification, recognition, and avoidance in a manufacturing workplace. The course is composed of safety topics specifically related to the work done by manufacturing personnel. This includes the following topics: Safety Housekeeping and Accident Prevention; Fire Prevention; Hazard Communication; Ergonomics; Safe Lifting; Lock-Out Tag-Out; Electrical Safety; Machine Guard Safety; Personal Protective Equipment (PPE); Eye Safety; Fork Lifts, and Powered Industrial Trucks; Hand and Power Tool Safety; Indoor Air Quality; and Walking and Working Surfaces. Upon successful completion of this course, students will be issued a course completion certificate, a digital badge for each topic, and a wallet-size course completion card.

CONTACT HOURS: 8 CEUs: 0.8

#200 SERIES INTERMEDIATE COURSES (24-HOUR)

These intermediate level training courses are intended for experienced workers or those individuals with some safety responsibility. This may include a variety of personnel such as supervisors, foremen, managers, team leaders, and project managers. The focus is on hazard awareness, identification, recognition, prevention, abatement, and control in the workplace. These courses are three days in length.

COURSE DESCRIPTION	#200 Intermediate Construction Worker Safety
	<p>This course provides intermediate instruction on construction safety and health hazard awareness, identification, recognition, prevention, abatement, and control in the workplace and on the job site. This course may be more appropriate for experienced workers or individuals with some safety or supervisory responsibility. This course is composed of 15 hours of mandatory topics and nine hours of elective topics. This includes in-depth instruction on the following hazard topics: Fall Hazards, Electrical Safety, Caught-In or Between Hazards, Struck-By Hazards, Ladders and Stairways, Personal Protective Equipment, Tool Safety, and Health Hazards in Construction. Mandatory topics focused on hazard abatement and control include Orientation to Safety and Health, Managing Safety and Health, Recordkeeping, Safety Leadership, Managing Subcontractors, Understanding Applicable Safety and Health Requirements, Rules, and Regulations. The remaining nine hours of elective topics are at the discretion of the trainer. This gives the trainer the ability to adapt the topics to meet the needs of the specific audience. For a complete list of Construction Worker Safety elective topics, see the <i>Global OSHA Outreach Training Program Requirements, Policies, and Procedures</i> document. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.</p> <p>CONTACT HOURS: 24 CEUs: 2.4</p>

COURSE DESCRIPTION	#201 Intermediate General Worker Safety
	<p>This course provides intermediate instruction on general safety and health hazard awareness, identification, recognition, prevention, abatement, and control in the workplace and on the job site. This course may be more appropriate for experienced workers or individuals with some safety or supervisory responsibility. This course is composed of 15 hours of mandatory topics and nine hours of elective topics. This includes in-depth instruction on the following hazard topics: Slips, Trips, and Falls, Electrical Safety, Personal Protective Equipment, Exit Hazards, Machine Guarding, Hazardous Materials, Ergonomics, and Industrial Hygiene. Mandatory topics focused on hazard abatement and control include Orientation to Safety and Health, Managing Safety and Health, Recordkeeping, Safety Leadership, Managing Subcontractors, Understanding Applicable Safety and Health Requirements, Rules, and Regulations. The remaining nine hours of elective topics are at the discretion of the trainer. This gives the trainer the ability to adapt the topics to meet the needs of the specific audience. For a complete list of General Worker Safety elective topics, see the <i>Global OSHA Outreach Training Program Requirements, Policies, and Procedures</i> document. Upon successful completion of this course, students will be issued a digital badge for each topic and receive a wallet-size course completion card.</p> <p>CONTACT HOURS: 24 CEUs: 2.4</p>

#300 SERIES INTERMEDIATE COURSES (8-HOUR)

These intermediate level training courses are available to meet the needs of workers and safety professionals who would like to benefit from the Global OSHA curriculum but are unable to attend multi-day courses. This also includes intensive prep courses for ASP, CSP, and CIH exams. These courses are one day in length. The topics for these courses include, but are not limited to, the following.

COURSE DESCRIPTION	<h3>#300 Safety and Health Programs</h3> <p>This course provides intermediate instruction on the effective implementation of a company's safety and health management system. The course addresses the four core elements of an effective safety and health management system and those central issues that are critical to each element's proper management. This course is an interactive training session focusing on class discussion and workshops.</p> <p>Upon course completion students will have the knowledge to evaluate, develop, and implement an effective safety and health management system for their company.</p> <p>CONTACT HOURS: 8 CEUs: 0.8</p>
COURSE DESCRIPTION	<h3>#301 Lockout/Tagout</h3> <p>This course provides intermediate instruction on the role and responsibility of the employer to develop and implement an energy control program, or Lockout/Tagout for the protection of workers while performing servicing and maintenance activities on machinery and equipment. Course topics include types of hazardous energy, detecting hazardous conditions, implementing control measures as they relate to the control of hazardous energy, developing and implementing energy control programs including written isolation procedures, training of authorized and affected employees, and periodic inspection of energy control procedures.</p> <p>Upon course completion, the student will have the ability to explain the importance of energy control programs, procedures, training, audits and methods of controlling hazardous energy.</p> <p>CONTACT HOURS: 8 CEUs: 0.8</p>
COURSE DESCRIPTION	<h3>#302 Respiratory Protection</h3> <p>This course provides intermediate instruction on the requirements for the establishment, maintenance, and monitoring of a respiratory protection program. Course topics include terminology, respiratory protection programs, and medical evaluation requirements. Program highlights include workshops on respirator selection, qualitative and quantitative fit testing, and the use of respiratory protection and support equipment.</p> <p>Upon course completion students will have the ability to identify and describe the elements of a respiratory protection program, the proper selection, use, and inspection of respiratory protection and protection factors.</p> <p>CONTACT HOURS: 8 CEUs: 0.8</p>

**COURSE
DESCRIPTION**

#304 Disaster Site Worker Safety

This course provides intermediate instruction on the safety and health hazards associated with disaster site cleanup. It provides instruction for second responder personnel who provide skilled support services, (e.g. utility, demolition, debris removal, or heavy equipment operation) or site clean-up services in response to natural and man-made disasters.

Specifically, it outlines the differences between disaster sites and regular construction or demolition worksites. Participants will be able to inspect, don, and doff air-purifying respirators.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#305 Bloodborne Pathogens

This course provides intermediate instruction on the development and implementation of Exposure Control Plans (ECP) for healthcare facilities.

Course topics include determining potential exposure and methods of control, 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 for a healthcare facility. Course highlights include students developing a template for their facility's ECP. Upon course completion students will have the ability to take a step-by-step approach in developing an ECP for their healthcare facility.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#306 Ergonomics

This course provides intermediate instruction on the use of ergonomic principles to recognize, evaluate, and control workplace conditions that cause or contribute to musculoskeletal and nerve disorders. Course topics include work physiology, anthropometry, musculoskeletal disorders, use of video display terminals, and risk factors such as vibration, temperature, material handling, repetition, and lifting and patient transfers in health care. Course emphasis is on industrial case studies covering analysis and design of work stations and equipment workshops in manual lifting. Upon course completion students will have the knowledge to recognize work-related musculoskeletal and nerve disorders, assess employer's ergonomic programs, and conduct ergonomic evaluations.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#307 Combustible Dust Hazards

This course provides intermediate instruction on the hazards posed by combustible dust within general industry. Course topics include recognizing the hazards and risks associated with combustible dust, control of electrical installation hazards, and developing controls and strategies to prevent or mitigate combustible dust fires and explosions.

Upon course completion, the student will have the knowledge to utilize strategies that assure employee safety while using or producing materials that generate combustible dust.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#308 Accident Investigation

This course covers an introduction to intermediate 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. Upon course completion students will have the basic skills necessary to conduct an effective accident investigation at the workplace.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#309 Safe Patient Handling

This course provides intermediate instruction on ergonomic guidelines for safe patient handling and methods to protect workers in all healthcare settings. The course focuses on analyzing and identifying ergonomic hazards and practical solutions to address these issues. Course topics include developing an ergonomic work process, risk factors in patient handling and transfers, identifying work processes with the potential for musculoskeletal injuries and illnesses, protocol for resident and patient assessment, and implementing solutions including work practices and engineering controls. Upon course completion students will understand the benefits of implementing an ergonomics process, and identify, analyze and develop solutions for ergonomic problem jobs in healthcare.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION**

#312 Intermediate NFPA 70E Safety Standard Compliance

This course provides intermediate instruction on the National Fire Protection Association (NFPA) 70E industry standard regarding electrical safety requirements in the workplace. NFPA 70E is an industry-recognized safety standard that is utilized by employers and employees in compliance with OSHA 1910 Subpart S and OSHA 1926 Subpart K. The course covers electrical safety-related work practices, required personal protective equipment (PPE), warning labels, and Lockout Tagout procedures. The course will also include NFPA 70E guidelines and practices that aim to reduce the exposure of workers to major electrical hazards like shock, arc flash, arc blast, and fire ignition.

CONTACT HOURS: 8 CEUs: 0.8

COURSE DESCRIPTION	<p>#330 HAZWOPER Refresher</p> <p>This course provides a HAZWOPER overview and serves as a refresher for those who have previously completed HAZWOPER training. Hazardous Waste Operations and Emergency Response (HAZWOPER) applies to any employees who are exposed to hazardous substances and who are engaged in several operations including clean-up, treatment, storage and disposal of hazardous waste. Workers involved in an emergency response operation dealing with hazardous waste and workers who perform duties at waste sites where hazardous contamination are also expected to be fully trained and protected.</p> <p>Topics include the following: HAZWOPER Safety Orientation; Understanding HAZWOPER; Handling Hazardous Materials; HAZMAT Labeling; HAZWOPER Confined Space Entry; HAZWOPER Fire Prevention; HAZWOPER Heat Stress; HAZWOPER Personal Protective Equipment; Electrical Safety in HAZMAT Environments; Emergency Response Plan; Safety Data Sheets in HAZWOPER Environments; and Introduction to HAZWOPER Retraining. Upon successful completion of this course, students will be issued a course completion certificate and a digital badge. Course completion wallet cards may be purchased separately after successful completion of this course.</p> <p>CONTACT HOURS: 9 CEUs: 0.9</p>
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COURSE DESCRIPTION	<p>#340 Competent Person: Excavation and Trenching</p> <p>This course provides instruction for participants to be capable of identifying existing and predictable hazards related to excavation and trenching in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees. Specific topics include practical soil mechanics and its relationship to the stability of shored and non-shored slopes and walls of excavations, introduction of various types of shoring (wood timbers and hydraulic), soil classification, testing methods and equipment, and use of protective systems. Students earn Continuing Education Units (CEUs), a Global OSHA course completion certificate, digital badge, a Global OSHA Course Completion wallet card to document their training.</p> <p>CONTACT HOURS: 8 CEUs: 0.8</p>
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COURSE DESCRIPTION	<p>#341 Competent Person: Scaffolding Safety</p> <p>This course provides instruction for participants to be capable of identifying existing and predictable hazards related to scaffolding in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees. This course discusses supported, rolling, suspended and ladder jack scaffolds. Specific topics include types of scaffolds; scaffold design; assembly; ensuring stable access; use and disassembly; determining scaffold capacity; employee qualifications; training and maintenance, and repair and inspection requirements. Students earn Continuing Education Units (CEUs), a Global OSHA course completion certificate, digital badge, a Global OSHA Course Completion wallet card to document their training.</p> <p>CONTACT HOURS: 8 CEUs: 0.8</p>
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**COURSE
DESCRIPTION****#342 Competent Person: Working at Height**

This course provides instruction for participants to be capable of identifying existing and predictable hazards related to working at heights in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees. Specific topics include principles of fall protection; components and limitations of fall arrest systems; inspection and use of fall protection equipment; commercial construction fall protection and solutions; training requirements; and developing a fall protection program. Students earn Continuing Education Units (CEUs), a Global OSHA course completion certificate, digital badge, a Global OSHA Course Completion wallet card to document their training.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION****#343 Competent Person: Confined Space**

This course provides instruction for participants to be capable of identifying existing and predictable hazards related to confined spaces in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees. Specific 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. Students earn Continuing Education Units (CEUs), a Global OSHA course completion certificate, digital badge, a Global OSHA Course Completion wallet card to document their training.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION****#344 Competent Person: Silica Hazards**

This course provides instruction for participants to be capable of identifying existing and predictable hazards related to Silica in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees. The course includes describing and recognizing the hazards and risks, assessment options, and exposure control measures associated with silica exposure. Specific topics include the health effects of silica exposure; assessment methods for measuring worker exposure to silica dust; and the development and implementation of controls and strategies to avoid, abate, or prevent these hazards. Students earn Continuing Education Units (CEUs), a Global OSHA course completion certificate, digital badge, a Global OSHA Course Completion wallet card to document their training.

CONTACT HOURS: 8 CEUs: 0.8

**COURSE
DESCRIPTION****#345 Competent Person: Gas Tester**

This course provides instruction for participants to be capable of identifying existing and predictable hazards related to gas testing in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees. Specific topics include hazards related to flammable and toxic gases; oxygen deficient and enriched atmospheres; OSHA standards & other localized industry requirements; gas testing equipment; testing procedures & frequency; acceptable levels; gas density behaviors; natural buoyancy; calibration requirements. Students earn Continuing Education Units (CEUs), a Global OSHA course completion certificate, digital badge, a Global OSHA Course Completion wallet card to document their training.

CONTACT HOURS: 8 CEUs: 0.8

COURSE DESCRIPTION	#380 Safety Supervision
	This course is intended for supervisory personnel with safety responsibility. The course provides intermediate instruction on primary responsibilities that supervisors have in the area of occupational safety and health for all employees under their supervision. Topics include Injury and Illness Prevention Programs; Site Safety and Health Plans; Safety Audits; Recordkeeping for Managers and Supervisors; Work Practices and Engineering Controls; Accident Investigation; Emergency Planning; Evacuation Procedures; Introduction to GHS ; Heat Stress; Supported Scaffolding Safety; Asbestos Awareness; Silica Safety; and Coronavirus: Guarding Against COVID-19. Upon successful completion of this course, students will be issued a course completion certificate, a digital badge, and a wallet-size course completion card.
	Training Prerequisite: Global OSHA Course #100, #101, #102, or #104 CONTACT HOURS: 9 CEUs: 0.9

COURSE DESCRIPTION	#391 COVID-19: Return to Work
	This course provides comprehensive instruction on COVID-19 origins and prevention strategies, with a focus on safely returning to work in a COVID-19 environment. Topics include COVID-19 background and overview; industrial hygiene; respiratory protection; guarding against COVID-19; return to work planning; reopening buildings, medical health considerations; physical environments such as construction, manufacturing, general office, warehousing, retail, and restaurants; external factors; and communication strategies. It also provides numerous sources for information and resources from leading public health authorities. Upon successful completion of this course, students will be issued a course completion certificate, a digital badge for each topic and be eligible to separately purchase a wallet-size course completion card.
	CONTACT HOURS: 7.5 CEUs: 0.8

#400 SERIES ADVANCED COURSES (24-HOUR)

These courses are generally intended for the experienced worker level, and for safety professionals. The training expands on hazard awareness, identification, recognition and avoidance, and addresses the additional areas of hazard control, abatement and prevention. These courses are three days in length, which allows for a more in-depth review and understanding of the subject matter. Topics include, but are not limited to, the following.

COURSE DESCRIPTION	#400 Fall Protection
	This course provides advanced instruction on fall protection for construction and an overview of fall protection methods. Course topics include principles of fall protection, components and limitations of fall arrest systems. Students will participate in workshops demonstrating the inspection and use of fall protection equipment, residential construction fall protection, training requirements, and developing a fall protection program. Upon course completion students will have the ability to evaluate installed passive systems and fall arrest systems and develop and implement fall protection plans.
	CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION****#401 Electrical Safety**

This course provides advanced instruction on the hazards associated with electrical installations and equipment. Course topics include single- and three-phase systems, cord- and plug-connected and fixed equipment, grounding, ground fault circuit interrupters, and safety-related work practices. Emphasis is placed on electrical hazard recognition, policies, and procedures. Students will participate in workshops on the safe and correct use of electrical testing equipment. Upon course completion students will have the knowledge to understand the severity of electrical current on the human body, recognize and evaluate actual and potential electrical hazards, determine hazard abatement measures, and understand the proper use of electrical testing equipment.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION****#402 Machine Guarding**

This course provides advanced instruction on the various types of common machinery, machine safeguards, and related procedures. Guidance is provided on the hazards associated with various types of machinery and the determination of proper machine safeguards. Course topics include machinery processes, mechanical motions, points of operation, control of hazardous energy sources (Lockout/Tagout), guarding of portable powered tools, and common machine guarding failures. Program highlights include the ability to recognize hazards and provide options for control and hazard abatement through machine safeguarding inspection workshops. Upon course completion students will have the ability to describe common machine hazards and sources of energy, identify resources for assisting with machine guarding issues, and determine methods of control and hazard abatement, and selection of appropriate machine safeguards.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION****#403 Excavation and Trenching Safety**

This course provides advanced instruction on the safety and health aspects of excavation and trenching. Course topics include practical soil mechanics and its relationship to the stability of shored and non-shored slopes and walls of excavations, introduction of various types of shoring (wood timbers and hydraulic), soil classification, and use of protective systems. Testing methods are demonstrated, and students participate in workshops in the use of instruments such as penetrometers, Torvane shears, and engineering rods. Upon course completion students will have the ability to utilize soil testing methods to classify soil types, determine protective systems for excavation operations, and training requirements.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION****#404 Industrial Hygiene**

This course provides advanced instruction on industrial hygiene practices and related regulations and procedures. Course topics include recognition, evaluation, and control of chemical, physical, biological and ergonomic hazards, Permissible Exposure Limits (PEL), respiratory protection, engineering controls, OSHA sampling protocols and strategies, and workplace health program elements. The course features workshops in health hazard recognition and use of sampling equipment. Upon course completion, students will have the ability to recognize basic industrial hygiene principles and practices, identify characteristics of common air contaminants, locate PELs, perform basic industrial hygiene calculations, and determine methods for hazard control and abatement.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#405 Hazardous Materials

This course provides advanced instruction on hazards that relate to the use of hazardous materials. Course topics include flammable and combustible liquids, compressed gases, LP-gases, and cryogenic liquids. Related processes such as spraying and dipping, and use of electrical equipment in hazardous locations are also discussed. Upon course completion students will have the ability to determine hazardous (classified) locations, and proper moving, storing, and handling of hazardous materials.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#406 Confined Space

This course provides advanced instruction on 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. This course features workshops on permit entry classification, instrumentation, and program development. Upon course completion students will have the ability to identify permit and non-permit required confined spaces, conduct atmospheric testing, and implement a permit-required confined space program.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#407 Scaffolding

This course provides advanced instruction on 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. The course includes information ensuring stable access on scaffolds and the hazards involved with scaffolds. This course discusses supported, rolling, suspending and ladder jack scaffolds. Students will participate in activities that reinforce concepts of safe scaffolding. Upon successful completion of this course, participants will be able to identify types of scaffolds and their components, determine safe assembly, use, and disassembly.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#408 Crane Safety

This course provides advanced instruction on best practices in crane and derrick operation. Course topics include hazards associated with crane assembly and disassembly, types of cranes, lifting concepts, rigging and wire rope, signaling, employee qualifications and training, and maintenance, repair, and inspection requirements. Students will participate in workshops to reinforce concepts of safe crane operation. Upon course completion students will have the ability to identify the types of cranes and their components and attachments, and determine safe operating conditions.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#409 Oil and Gas Safety

This course provides advanced instruction on hazards relating to the oil and gas industry. This course provides information for employees and employers to protect themselves by developing the knowledge and skills to anticipate, recognize, evaluate and control hazards common to the onshore oil and gas exploration and production industry. This includes worksites associated with the onshore exploration and production oil and gas industry including, but not limited to construction, drilling, completion, well servicing, production, product gathering and processing, and product transmission. This course is intended for employees and employers engaged in all phases of onshore oil and gas exploration and production. Upon course completion students will be able to determine hazards associated with the oil and gas industry, control and hazard abatement, and other safety procedures as they relate to the gas and oil industry.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#410 Safety Leadership

This course provides advanced instruction and addresses the continuous reduction of injuries and illnesses, lost time incidents, and insurance premiums require more than managing a job safety program, it requires leadership vision and values. The course is appropriate for anyone responsible for the safety of others, and covers actions and skills needed to lead an organization to reach safety and health program goals and an effective, sustainable safety effort. Specific topics include establishing vision and values, key safety behaviors for leaders, safety culture, defining risk vs. hazard, risk recognition, risk understanding, inspecting for hazards, investigating for causes, human error, and decision-making strategies. It also includes instruction on coaching and motivating employees to foster a safety environment. The course will help organizations develop a safety vision, gain employee commitment/involvement, and improve morale, quality, and economic performance. Upon course completion students will be able to demonstrate a better understanding of the actions and methods required for effective safety leadership.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#412 Advanced NFPA 70E Safety Standard Compliance

This course provides advanced instruction on the National Fire Protection Association (NFPA) 70E industry standard regarding electrical safety requirements in the workplace. NFPA 70E is an industry-recognized safety standard that is utilized by employers and employees in compliance with OSHA 1910 Subpart S and OSHA 1926 Subpart K. The course covers electrical safety-related work practices, required personal protective equipment (PPE), warning labels, and Lockout Tagout procedures.

The course will also include NFPA 70E guidelines and practices that aim to reduce the exposure of workers to major electrical hazards like shock, arc flash, arc blast, and fire ignition. This advanced course includes more in-depth subject matter and additional hands-on exercises.

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#430 ASP/CSP Exam Prep

This comprehensive course prepares qualified candidates to pass the Associate Safety Professional (ASP) and Certified Safety Professional (CSP) certification exams administered by the Board of Certified Safety Professionals (BCSP). This unique crossover course approach capitalizes on the alignment between the exam blueprints and domains to provide an enhanced learning experience for ASP and CSP candidates.

This course consists of live presentation and discussions which provide a comprehensive overview of both exams' blueprint domains. Students also engage through self-study assignments, knowledge checks, and review of representative sample questions. The course includes quizzes on all subjects necessary to prepare students to pass the exams.

Exam Prep course topics include: Safety Management; Electrical; Incident Investigation; Risk Management; Fire Prevention; Emergency Prep; Math & Science; Industrial Hygiene; Machine Guarding; Lockout/Tagout; Law & Ethics; Fleet Safety; Standards; Training & Education; Ergonomics; and Environmental Management. Additional materials include a study guide, 400-question sample exam, and prep outline.

CONTACT HOURS: 25 CEUs: 2.5

**COURSE
DESCRIPTION**

#440 Construction Health and Safety Technician (CHST) Exam Prep

This course prepares qualified candidates to pass the Construction Health and Safety Technician (CHST) certification exam administered by the Board of Certified Safety Professionals (BCSP). The CHST is designed for individuals who demonstrate competency and work part-time or full-time in health and safety activities devoted to the prevention of construction illnesses and injuries. The CHST certification meets national standards for certifications. It is designed for practitioners who fill job site safety positions on construction projects. Many construction safety professionals use the CHST as a stepping-stone to greater roles in safety and health and, in some cases, to the Certified Safety Professional (CSP) certification.

Exam Prep Course topics include: Safety Programs, Training Methods and Instructional Materials, Leadership and communication, Incident Investigation, Excavation, Industrial Hygiene, Confined Space, Emergency Preparedness, Math, Working at Heights, Fire Protection, GHS, Electrical, Cranes, Hoisting and Rigging, Scaffolds, Tool Safety, and Respiratory Protection.

This course consists of presentation, sample problems and quizzes, and discussions on the subjects necessary to prepare students to pass the exam. Students participate in a comprehensive overview of the exam blueprint, complete rigorous sample questions, and receive take-home practice quizzes. Additional materials include a study guide, 400-question sample exam, and prep outline.

CONTACT HOURS: 25 CEUs: 2.5

**COURSE
DESCRIPTION**

#450 ISO 45001-2018 Lead Auditor

This course provides advanced instruction on the ISO 45001, the first global Occupational Health and Safety Management System standard that replaces OHSAS 18001. This course provides instruction on the necessary expertise to perform an Occupational Health and Safety Management System (OH&S MS) audit by applying widely recognized audit principles, procedures and techniques. During this training course, students will acquire the knowledge and skills to plan and carry out internal and external audits in compliance with ISO 19011 and ISO/IEC 17021-1 certification process. Based on practical exercises, students will be able to master the audit techniques and become competent to manage an audit program, audit team, communication with customers, and conflict resolution. Upon successful completion, students will be able to summarize the operations of an Occupational Health and Safety Management System (OH&S MS) based on ISO 45001, explain the correlation between ISO 45001 and other standards and regulatory frameworks, identify the auditor's role in planning, leading and following-up on a management system audit in accordance with ISO 19011, and interpret the requirements of ISO 45001 in the context of an occupational safety and health MS audit

CONTACT HOURS: 24 CEUs: 2.4

#500 SERIES TRAINER AND PREREQUISITE COURSES

These courses include the trainer authorization courses, which are three days in length. This also includes Global OSHA Course #550 Fundamentals of Adult Training, which serves as the prerequisite course for all trainer authorization courses and is eight hours in length.

**COURSE
DESCRIPTION**

#500 Construction Safety Trainer Course

This course provides instruction for individuals to become Global OSHA Authorized Trainers for construction safety. Curriculum includes presentation skills, program administration, materials development, course facilitation, effective instructional approaches, and conducting hands-on exercises. Special emphasis is placed on the mandatory safety and health topics required in the #100 and #200 courses.

Upon successful completion, participants will be awarded status as Global OSHA Authorized Trainers. This status enables the trainers to conduct introductory and intermediate level construction worker safety classes through the Global OSHA Outreach Training Program, and request course completion cards for students. The authorization is valid for four years, at which point trainers are required to complete an update course to maintain their authorized status.

- Experience Prerequisite: Three years of construction safety experience
- Training Prerequisite: Course #550 Fundamentals of Adult Training (available online only)

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#501 General Safety Trainer Course

This course provides instruction for individuals to become Global OSHA Authorized Trainers for general safety. Curriculum includes presentation skills, program administration, materials development, course facilitation, effective instructional approaches, and conducting hands-on exercises. Special emphasis is placed on the mandatory safety and health topics required in the #101 and #201 courses.

Upon successful completion, participants will be awarded status as Global OSHA Authorized Trainers. This status enables the trainers to conduct introductory and intermediate level general worker safety classes through the Global OSHA Outreach Training Program, and request course completion cards for students. The authorization is valid for four years, at which point trainers are required to complete an update course to maintain their authorized status.

- Experience Prerequisite: Three years of general safety experience
- Training Prerequisite: Course #550 Fundamentals of Adult Training (available online only)

CONTACT HOURS: 24 CEUs: 2.4

**COURSE
DESCRIPTION**

#550 Fundamentals of Adult Training (available online only)

This course provides a basic foundation for professional trainers in any industry by addressing fundamental principles and best practices in the training of adult learners. Topics include instructional design, activity-based learning, communication, effective classroom management, training evaluation, and instructor ethics.

CONTACT HOURS: 8 CEUs: 0.8

#600 SERIES INTRODUCTORY SHORT COURSES (2-HOUR)

These introductory level short training courses are intended for all workers with an expanded focus on common workplace hazards. The focus is on hazard awareness, identification, recognition, and avoidance. These courses are two hours in length.

**COURSE
DESCRIPTION**

#610 Safe Driving

This course provides basic instruction on safe driving and covers safe driving basics, defensive driving, and distracted driving. Topics include general safe driving principles, the fundamentals of driving defensively, how to drive safely at night, how to drive safely in adverse weather conditions, how to address road rage, how to safely handle a tire blowout, hazards of multi-tasking and distraction when driving, and tips for handling an emergency when driving. Upon successful completion of this course, students will be issued a course completion certificate, a digital badge for each topic and be eligible to separately purchase a wallet-size course completion card.

CONTACT HOURS: 2 CEUs: 0.2

GLOBAL OSHA DISCLAIMER AND POLICY INFORMATION

Global Occupational Safety and Health Academy, LLC is not a government agency and is not affiliated with the U.S. Department of Labor or the Occupational Safety and Health Administration. In the interest of fair disclosure and transparency, Global OSHA provides the following policy information governing its Website, employees and contractors, and general operating procedures.

Privacy Policy

Global OSHA receives, collects and stores any information you enter on our Website or provide us in any other way. In addition, we collect the Internet protocol (IP) address used to connect your computer to the Internet; login; email address; password; computer and connection information and purchase history. We may use software tools to measure and collect session information, including page response times, length of visits to certain pages, page interaction information, and methods used to browse away from the page. We also collect personally identifiable information (including name, email, password, communications); payment details (including credit card information), comments, feedback, recommendations, and personal profile. When you conduct a transaction on our Website, as part of the process, we collect personal information you give us such as your name, address and email address. Your personal information will be used for the specific reasons stated above only. We collect such Non-personal and Personal Information for the following purposes.

- To provide and operate the Services
- To provide our Users with ongoing customer assistance and technical support
- To be able to contact our Visitors and Users with general or personalized service-related notices and promotional messages
- To create aggregated statistical data and other aggregated and/or inferred non-personal Information, which we or our business partners may use to provide and improve our respective services
- To comply with any applicable laws and regulations

Information Security Policy

Student information accessible by Global OSHA employees and contractors while conducting Global OSHA business may not be used for other purposes or be shared with any other parties for any reason. This policy applies to all information whether it be personally identifiable information (PII), deemed otherwise confidential, or considered non-confidential. This includes information input by instructors regarding student performance during a Global OSHA class. The Global OSHA Registrar is responsible for the secure storage and retention of student records and is also solely responsible for the release and issuance of student records following the completion of the course. Information regarding students, including grades or transcripts, may only be disseminated by the Registrar, with the express written consent of the student.

Instructor Integrity Policy

Global OSHA curriculum developers and instructors are expressly prohibited from featuring any product, instrument, device or materials in any Global OSHA course for which they receive any share of royalties or profits from the product promotion or endorsement. Global OSHA contractors are expressly prohibited from soliciting Global OSHA students or customers for competing products and services.

Nondiscrimination Policy

Global OSHA does not and shall not discriminate on the basis of race, color, religion, gender, age, national origin or ancestry, disability, marital status, parental status, sexual orientation, or military status, in any of its activities or operations. These activities include, but are not limited to, facilitation of training, hiring and firing of staff, selection of volunteers and vendors, and all provision of services. Any question of interpretation regarding this Nondiscrimination Policy Statement shall be referred to the Director of Compliance for final determination.

Policy Updates

We reserve the right to modify these policies at any time. Changes and clarifications will take effect immediately upon their posting on the Website. Any updates will also be reflected in future versions of this document. If you would like to contact Global OSHA regarding these policies, please contact us at: info@globalosha.org