



University of South Florida  
OSHA Training Institute  
Education Center



2612 Cypress Ridge BLVD, ste. 101

Wesley Chapel, FL 33544

Phone: 813-994-1195

Fax: 813-994-1173

[usfotioutreach@health.usf.edu](mailto:usfotioutreach@health.usf.edu)

[www.usfotcenter.org](http://www.usfotcenter.org)

## Additional Resources Available at USF

**USF SafetyFlorida**  
Consultation Program

### USF SafetyFlorida Consultation Program

[www.usfsafetyflorida.com](http://www.usfsafetyflorida.com)

1-866-273-1105

USF SafetyFlorida provides free safety consultation statewide to Florida's small businesses. Companies can request a safety and health consultation at [www.usfsafetyflorida.com/Consultation-Request-Form](http://www.usfsafetyflorida.com/Consultation-Request-Form) or by calling (866) 273-1105. During the consultation visit by USF SafetyFlorida, your company can earn the

Sunshine State Safety Award if managers and employees demonstrate a commitment to continuous improvement of the effectiveness of the company's workplace safety and health management system.

In addition, USF SafetyFlorida can help your company qualify for the OSHA Safety and Health Achievement Recognition Award (SHARP). With SHARP, your company can become exempt from OSHA enforcement inspections if you operate an exemplary safety and health management system.

To reward such employers, OSHA allows those who meet eligibility requirements to become exempt from OSHA inspections for a period of up to two years and then receive renewal exemptions for up to three additional years. For details on SHARP, call (866) 273-1105.

#### **Consultants will:**

- ◆ Help employers recognize hazards in the workplace
- ◆ Assist employers in developing or maintaining effective safety and health management programs
- ◆ Suggest general approaches or options for solving a safety or health problem
- ◆ Identify resources available if an employer needs further assistance

Provide employers with a written report summarizing findings and

Provide safety and health training

#### **Consultants will not:**

- ◆ Issue citations or propose penalties for violations of OSHA standards



For more information about USF SafetyFlorida or to request a free consultation, visit [www.usfsafetyflorida.com](http://www.usfsafetyflorida.com) or call toll-free 1-866-273-1105.

# Registration Information

**Registration:** Register securely online at [www.usfotocenter.org](http://www.usfotocenter.org) or by calling 1-800-852-5362. All listed course prices include cost of student manuals, required course materials and corresponding Code of Federal Regulations (CFR). For general inquiries about courses offered, please call our main office number (813) 994-1195.

**Payment Policy:** Checks must be made payable to USF HPCC (Federal ID #16-1765073). Note to Florida State Agencies: Journal transfers are not accepted. We accept Visa, MasterCard and American Express. A \$35 fee will be charged on any returned checks or declined credit cards. Both check and credit card transactions are processed in US dollars and are subject to the current exchange rates.

**Dress Code:** No dress code is enforced; however, relaxed and comfortable dress throughout the course is recommended. Participants are encouraged to bring a jacket to the courses as the temperature in meeting rooms often varies. Please check your individual course for any additional dress requirements.

**Confirmation:** Upon receipt of your completed registration, you will receive confirmation by email.

**Course Locations:** Courses are held at various locations throughout OSHA Region IV to accommodate the needs of our students. Please go to our website at [www.usfotocenter.org](http://www.usfotocenter.org) for maps and further directions to each course location.

**Contract Training:** We can customize our courses to meet your specific needs and offer the course at a location of your choice. For more information, please contact call us at (813) 994-1195 or email us at [usfotioutreach@health.usf.edu](mailto:usfotioutreach@health.usf.edu)

**Cancellation Policy:** Cancellation notification must be in writing (fax or email are acceptable) and received (not postmarked) 5 days prior to the start of the course. A cancellation fee equal to 25% will be assessed. Please allow up to 2-3 weeks for any refunds.

The USF Office of Continuing Professional Development reserves the right to cancel activities due to unforeseen circumstances. In the event of such cancellation, only the registration fee will be returned to the registrant. The USF Office of Continuing Professional Development will not be responsible for any travel expenses incurred in case of cancellation. Classes are confirmed 2 weeks prior to the start date.

**Accommodations for Disabilities:** Please notify the University of South Florida OTI Education Center at 2612 Cypress Ridge Blvd. Suite 101 Wesley Chapel, FL 33544 or call (813) 994-1195 a minimum of ten working days in advance of the course if a reasonable accommodation for disability is needed.

# OSHA Courses

**IMPORTANT:** Please provide a copy of your current authorized trainer card and prerequisite form to the USF OTI

Education Center via fax to 813-994-1173. If you do not provide a copy before the course or bring it with you to the course a new card/certificate will not be issued until one is on file with the USF OTI Education Center Office. Please note that your card must not be more than 90 days expired. If the card is more than 90 days expired you will need to retake the trainer course (500 for Construction and 501 for General Industry) to remain active. If you do not have your card please contact the education center where you took the course for a copy or a letter stating that you are an authorized trainer and what your expiration date is.

## OSHA 500 Trainer Course in OSHA Standards for Construction

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

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.

### Prerequisites:

- ◇ Successfully complete the [OSHA #510 Occupational Safety and Health Standards for Construction](#)
- ◇ have five (5) years of safety and health work experience in the construction industry.
- ◇ A degree in occupational safety and health; a *Certified Safety Professional (CSP)* or a *Certified Industrial Hygienist (CIH)* designation may be substituted for two (2) years of work related experience.
- ◇ Authorized OSHA Outreach Training Program trainers are required to attend OSHA #502 Update for Construction Industry Outreach Trainers at least once every four (4) years to maintain their trainer status.

## OSHA 510 Occupational Safety and Health Standards for Construction

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course covers OSHA Standards, policies, and procedures in the construction industry. Topics include scope and application of the OSHA Construction Standards, construction safety and health principles, and special emphasis on those areas in construction which are most hazardous. procedures, and describe the use of the OSHA Construction Standards and regulations to supplement an ongoing safety and health program.

**Testing Policy:** To obtain a Certificate of Completion, the student trainer must pass (75%) the knowledge test in the #510 course. Students who do not pass the test the first time will be given one opportunity for a retest. The retest result is final. A Letter of Attendance will be issued to students who do not pass the retest at 75% or higher.

## OSHA 502 Update for Construction Industry Outreach Trainers

Course Fee: \$500 | C.E.U.s: 1.7 | 18 Minimum Contact Hours

The course provides an update on OSHA Construction Standards, policies, and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define, and explain construction industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour Construction Outreach Training Program classes.

### Prerequisites:

- ◇ Successfully complete [OSHA 500 Trainer Course in OSHA Standards for Construction](#)



# OSHA Courses

**IMPORTANT:** Please provide a copy of your current authorized trainer card and prerequisite form to the USF OTI

Education Center via fax to 813-994-1173. If you do not provide a copy before the course or bring it with you to the course a new card/certificate will not be issued until one is on file with the USF OTI Education Center Office. Please note that your card must not be more than 90 days expired. If the card is more than 90 days expired you will need to retake the trainer course (500 for Construction and 501 for General Industry) to remain active. If you do not have your card please contact the education center where you took the course for a copy or a letter stating that you are an authorized trainer and what your expiration date is.

## OSHA 501 Trainer Course in OSHA Standards for General Industry

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

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.

### Prerequisites:

- ◇ Students must successfully complete the [OSHA #511 Occupational Safety and Health Standards for General Industry](#)
- ◇ have five (5) years of safety and health work experience in general industry. *A degree in occupational safety and health, a Certified Safety Professional (CSP) or a Certified Industrial Hygienist (CIH) designation may be substituted for two (2) years of work related experience.*
- ◇ Authorized OSHA General Industry Outreach Training Program trainers are required to attend OSHA #503 *Update for General Industry Outreach Trainers* at least once every four (4) years to maintain their trainer status.

## OSHA 511 Occupational Safety and Health Standards for General Industry

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course covers OSHA Standards, policies, and procedures in general industry. Topics include scope and application of the OSHA General Industry Standards, general industry principles and special emphasis on those areas in general industry which are most hazardous. Upon course completion students will have the ability to define general industry terms found in the OSHA General Industry Standards, identify hazards which occur in general industry, locate and determine appropriate OSHA General Industry Standards, policies, and procedures, and describe the use of OSHA General Industry Standards and regulations to supplement an ongoing safety and health program.

**Testing Policy:** To obtain a Certificate of Completion, the student trainer must pass (80%) the knowledge test in the #511 course. Students who do not pass the test the first time will be given one opportunity for a retest. The retest result is final. A Letter of Attendance will be issued to students who do not pass the retest at 80% or higher.

## OSHA 503 Update for General Industry Outreach Trainers

Course Fee: \$500 | C.E.U.s: 1.7 | 18 Minimum Contact Hours

This course is designed for Outreach Training Program trainers who have completed OSHA #501 Trainer Course in Occupational Safety and Health Standards for General Industry and who are authorized trainers in the OSHA Outreach Training Program. The course provides an update on OSHA General Industry Standards, policies, and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define, and explain general industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour General Industry Outreach Training Program classes.

### Prerequisites:

- ◇ Successfully complete [OSHA 501 Trainer Course in OSHA Standards for General Industry](#)



# Outreach Courses in Maritime

**IMPORTANT:** Please provide a copy of your current authorized trainer card and prerequisite form to the USF OTI

Education Center via fax to 813-994-1173. If you do not provide a copy before the course or bring it with you to the course a new card/certificate will not be issued until one is on file with the USF OTI Education Center Office. Please note that your card must not be more than 90 days expired. If the card is more than 90 days expired you will need to retake the trainer course (500 for Construction and 501 for General Industry) to remain active. If you do not have your card please contact the education center where you took the course for a copy or a letter stating that you are an authorized trainer and what your expiration date is.

## OSHA 5400 Trainer Course in OSHA Standards for the Maritime Industry

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course allows the student to become a trainer in the Outreach Training Program, to conduct 10- and 30-hour maritime classes in shipyard employment, marine terminals, and longshoring, and to issue cards to participants after verifying course completion. Students in OSHA #5400 Trainer Course in OSHA Standards for the Maritime Industry who wish to participate as authorized Outreach Trainer Program trainers in the OSHA Outreach Training Program must successfully prepare a presentation on an assigned OSHA maritime industry Outreach Training Program topic individually or as part of a group and successfully pass a written exam at the end of the course.

### Prerequisites:

- ◇ successfully complete the *OSHA #5410 Occupational Safety and Health Standards for the Maritime Industry*
- ◇ have three (3) years maritime industry experience

## OSHA 5410 Occupational Safety and Health Standards for the Maritime Industry

Course Fee: \$700 | C.E.U.s: 2.5 | 35 Minimum Contact Hours

This course covers OSHA policies, procedures, and standards for the maritime industry. Using the OSHA Maritime Standards as a guide, special emphasis is placed on those areas in the maritime industry which are most hazardous. Upon course completion students will define maritime terms found in the OSHA Maritime Standards, identify hazards in the maritime industry and determine appropriate controls and abatement, locate OSHA Maritime Standards, policies and procedures, and describe the use of the OSHA Maritime Standards and regulations to supplement an ongoing safety and health program.

## OSHA 5402 Maritime Industry Trainer Update Course

Course Fee: \$500 | C.E.U.s: 1.7 | 18 Minimum Contact Hours

The course updates the OSHA Maritime standards, policies, and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define and explain maritime industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour Outreach Training Program classes.

- ◇ at least two (2) years of occupational safety and health experience (with a broad focus) in any industry, a *degree in occupational safety and health from an accredited college or university, certification as an Associated Safety Professional (ASP), a Certified Safety Professional (CSP), a Certified Industrial Hygienist (CIH), a Certified Marine Chemist (CMC), or a Certified Safety and Health Manager (CSHM).*
- ◇ Outreach Training Program trainers are required to attend OSHA #5402 *Maritime Industry Trainer Update Course* at least every four (4) years to maintain their trainer status.

**Testing Policy:** Authorized Trainers must possess both an active Trainer Card and certificate of course completion. To obtain these two credentials, the student trainer must pass (80%) both the performance test and the knowledge test in the OSHA #5400 course. Students who do not pass the test the first time will be given one opportunity for a retest. The retest result is final. A Letter of Attendance will be issued to students who do not meet the criteria to become an Authorized Trainer.



### Prerequisites:

- ◇ *OSHA #5400 Trainer Course in OSHA Standards for the Maritime Industry.*
- ◇ Authorized OSHA Outreach trainers are required to attend this course once every four (4) years to maintain their trainer status.

# Disaster Site Worker



## OSHA 5600 Disaster Site Worker Trainer Course

Course Fee: \$700 | C.E.U.s: 2.5 | 24 Minimum Contact Hours

This course prepares experienced Outreach Training Program trainers to present OSHA #7600 Disaster Site Worker Course, intended for second responders (those arriving hours or days after the event). Course topics include the National Response Framework, the Incident Command System, disaster work zone safety, respiratory protection, communication issues, applying elements of successful adult training programs, and knowledge, skills, and attitudes to awareness training about safety and health standards at natural and human-made disaster sites. Students are provided the opportunity to practice knowledge and skills through discussion, planned exercises, demonstrations, and presentations. Lesson plans and training materials for the OSHA #7600 Disaster Site Worker Course are provided. Students who wish to participate as authorized Disaster Site Worker trainers must prepare a presentation on an assigned disaster site worker topic individually or as part of a group. Successful completion of this course authorized students to become trainers in the Disaster Site Worker Outreach Training Program, to conduct the OSHA #7600 Disaster Site Worker Course, and to issue cards to participants after verifying course completion.

### Prerequisites:

- ◇ OSHA #500 *Trainer Course in OSHA Standards for the Construction Industry* or OSHA #501 *Trainer Course in OSHA Standards for General Industry*
- ◇ three (3) years safety training experience,
- ◇ completion of the 40-hour HAZWOPER training.
- ◇ Outreach Training Program trainers are required to attend OSHA #5602 *Update for Disaster Site Worker Trainer* course at least every four (4) years to maintain their Outreach Training Program trainer authorization.
- ◇ A copy of their Outreach Training Program trainer card for construction or general industry or an official transcript from their respective OSHA Training Institute Education Center showing successful completion of the OSHA #500 or OSHA #501 course, and a copy of their 40-hour HAZWOPER course completion certificate are required prior to the start of class to verify trainer status.

## OSHA 5602 Update for Disaster Site Worker Trainer Course

Course Fee: \$200 | C.E.U.s: 0.8 | 7.5 Minimum Contact Hours

This course is intended to update the authorized Disaster Site Worker trainer with new technical and regulatory information related to disaster response and the role of OSHA in coordinating occupational safety and health in the National Response Framework. Participants will have the opportunity to share "lessons learned" from teaching OSHA #7600 Disaster Site Worker Course.

### Prerequisites:

- ◇ OSHA #5600 *Disaster Site Worker Trainer Course*.
- ◇ Authorized Outreach Training Program trainers are required to attend this course once every four (4) years to maintain their trainer status. Prior to registration, students must provide a copy of their current Outreach Training Program trainer card or an official transcript from their respective OSHA Training Institute Education Center showing successful completion of the OSHA #5600 Disaster Site Worker Training Course for verification of Outreach Training Program trainer status.

# OSHA Courses

## OSHA 521- OSHA Guide to Industrial Hygiene

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course covers industrial hygiene practices and related OSHA regulations and procedures. Course topics include recognition, evaluation, and control of chemical, physical, biological and ergonomic hazards, Permissible Exposure Limits (PEL), OSHA health standards, respiratory protection, engineering controls, OSHA sampling protocols and strategies, and workplace health program elements. The course features workshops in health hazard recognition, OSHA health standards 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.

## OSHA 2225 Respiratory Protection

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course covers the requirements for the establishment, maintenance, and monitoring of a respiratory protection program. Course topics include terminology, OSHA Respiratory Protection Standards, NIOSH certification, 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. 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, protection factors, and evaluate compliance with OSHA Standards.

## OSHA 2015 Hazardous Materials

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

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. 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 assess compliance with OSHA hazardous materials standards, determine hazardous (classified) locations, and proper moving, storing, and handling of hazardous materials.

## OSHA 2045 Machinery and Machine Guarding Standards

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course covers the various types of common machinery, machine safe guards, and related OSHA regulations and procedures. Guidance is provided on the hazards associated with various types of machinery and the determination of proper machine safe guards. Course topics include machinery processes, mechanical motions, points of operation, control of hazardous energy sources (lockout/tagout), guarding of portable powered tools, and common OSHA machine guarding violations. 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 safe guards.

## OSHA 2255 Principles of Ergonomics

Course Fee: \$500 | C.E.U.s: 1.7 | 18 Minimum Contact Hours

This course covers 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, and coverage of current OSHA compliance policies and guidelines. Upon course completion students will have the ability to recognize work-related musculoskeletal and nerve disorders, assess employer's ergonomic programs, and conduct ergonomic evaluations.

## OSHA 2264 Permit-Required Confined Space Entry

Course Fee: \$500 | C.E.U.s: 1.7 | 20 Minimum Contact Hours

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. 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, 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

Course Fee: \$500 | C.E.U.s: 1.9 | 20 Minimum Contact Hours

This course covers the OSHA Excavation Standard and safety and health aspects of excavation and trenching. Course topics include practical soil mechanics and its relationship to the stability of shored and unshored 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 assess their employer's compliance with the OSHA Excavation Standard, utilize soil testing methods to classify soil types, determine protective systems for excavation operations, and training requirements.

## OSHA 3095 Electrical Standards

Course Fee: \$700 | C.E.U.s: 2.5 | 26 Minimum Contact Hours

This course covers OSHA Electrical Standards and 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 and OSHA Standards, policies, and procedures and applicable portions of the National Electrical Code (NEC). Students will participate in workshops on the safe and correct use of electrical testing equipment. Upon course completion students will have the ability to understand the severity of electrical current on the human body, recognize and evaluate actual and potential electrical hazards and reference the applicable OSHA Standard, determine hazard abatement measures, and understand the proper use of electrical testing equipment.

## OSHA 3115 Fall Protection

Course Fee: \$500 | C.E.U.s: 1.9 | 18 Minimum Contact Hours

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. 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 assess compliance with the OSHA Fall Protection Standard, evaluate installed passive systems and fall arrest systems, and develop and implement fall protection plans.

## OSHA 6000 Collateral Duty Course for Other Federal Agencies

Course Fee: \$700 | C.E.U.s: 1.9 | 23 Minimum Contact Hours

This course covers the OSH Act, Executive Order 12196, and the OSHA General Industry Standards. This course is intended for federal agency collateral duty safety and health personnel. With use of the OSHA General Industry Standards, special emphasis is placed on areas in general industry which are most hazardous. Upon course completion students will have the ability to define general industry terms, identify hazards that occur in general industry, determine appropriate standards and regulations for federal agencies, locate OSHA General Industry Standards, policies, and procedures, and describe the use of the OSHA General Industry Standards and regulations to effectively assist agency safety and health officers with inspection and abatement efforts.

## OSHA 6010 Occupational Safety and Health for Other Federal Agencies

Course Fee: \$1150 | C.E.U.s: 6.5 | 53 Minimum Contact Hours

This course covers the recognition, evaluation, and control of safety and health hazards for other federal agencies. Course topics include the OSH Act, Executive Order 12196, 29 CFR 1960 and 1910 General Industry Standards, understanding the Federal Safety and Health program regulations, identification of safety and health hazards, controlling hazards, hazard abatement, and construction focus four topics. This course is intended for federal employees responsible for the occupational safety and health programs at their respective agencies. Upon course completion students will have the ability to apply OSHA General Industry Standards and regulations pertaining to federal agencies, identify safety and health hazards, and control and hazard abatement.

## OSHA 7000 OSHA Training Guidelines for Safe Patient Handling

Course Fee: \$110 | C.E.U.s: .7 | 7.5 Minimum Contact Hours

This course covers OSHA ergonomic guidelines for safe patient handling and methods to protect workers in all health care settings. Using OSHA's Ergonomics Guidelines for Nursing Homes as a basis for any healthcare facility, this 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 have the ability to apply "OSHA's Ergonomics Guidelines for Nursing Homes" in their healthcare facility, understand the benefits of implementing an ergonomics process, and identify, analyze and develop solutions for ergonomic problem jobs in healthcare.

## OSHA 7005 Public Warehouse and Storage

Course Fee: \$110 | C.E.U.s: .7 | 7 Minimum Contact Hours

This course covers the hazards and injuries likely to occur in public warehousing and storage operations, including encounters with powered industrial trucks, material handling, lifting and ergonomics, hazard communication, walking and working surfaces, and life safety including fire protection and evacuation. This course is intended for warehouse workers, supervisors, and employers responsible for developing safe work practices and procedures in a warehouse setting. Upon course completion students will have the ability to recognize the potential for injuries from forklifts, material handling and lifting, exposure to hazardous substances, slips, trips, and falls and methods to control and abate these hazards.

## OSHA 7100 Introduction to Machinery and Machine Safeguarding

Course Fee: \$75 | C.E.U.s: .4 | 4 Minimum Contact Hours

This course covers the process to identify, select and properly safeguard machinery to protect employees and others in the work area and deliver appropriate training in safe work practices. Course topics include types of machinery requiring guarding, point of operation, emergency eyewash/shower requirements, hazard communication, OSHA Machinery and Machine Guarding Standards violations, and corrective actions. Upon course completion students will have the ability to explain hazardous actions and motions of various types of machinery, identify methods of safeguarding, and match identified safeguards with the applicable OSHA Machinery and Machine Guarding Standards to reduce and eliminate the potential for accidents and injuries.

## OSHA 7105 Evacuation and Emergency Planning

Course Fee: \$110 | C.E.U.s: 0.8 | 4 Minimum Contact Hours

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. Students will participate in workshops pertaining to the development of emergency action plans. 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 7115 Lockout/ Tagout

Course Fee: \$110 | C.E.U.s: 0.6 | 7.5 Minimum Contact Hours

This course covers the role and responsibility of the employer to develop and implement an energy control program, or lockout/tag-out (LOTO) 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 using the OSHA Control of Hazardous Energy Standard. 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.

## OSHA 7200 Bloodborne Pathogens Exposure Control for Healthcare Facilities

Course Fee: \$110 | C.E.U.s: .4 | 7 Minimum Contact Hours

This course covers the development and implementation of Exposure Control Plans (ECP) for healthcare facilities. Course topics include understanding the OSHA Bloodborne Pathogens Standard, 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 while utilizing the OSHA Bloodborne Pathogens Standard as a reference.

## OSHA 7120 Introduction to Combustible Dust Hazards

Course Fee: \$225 | C.E.U.s: 1.3 | 13 Minimum Contact Hours

This course covers 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 ability to utilize strategies that assure employee safety while using or producing materials that generate combustible dust and the ability to use OSHA Standards, National Fire Protection Association (NFPA) Standards, and other applicable consensus standards that impact industries which generate combustible dust.

## OSHA 7205 Health Hazard Awareness

Course Fee: \$110 | C.E.U.s: .7 | 6 Minimum Contact Hours

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. Students participate in workshops on evaluation and abatement of workplace health hazards. 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 7210 Pandemic Influenza Preparedness

Course Fee: \$110 | C.E.U.s: .57 | 5.5 Minimum Contact Hours

This course covers recognizing hazards and risks associated with a pandemic influenza event and developing strategies to assist a business, community, or family with realistic preparation for a pandemic event. Course topics include potential impact of a pandemic influenza event on a business and community, critical elements of a preparedness plan, and realistic strategies for supporting continuity of business. This course offers information on strategies that can be used to control the spread of the virus, minimizing exposure to employees and family, and resources available from OSHA and other government agencies. The intended audience is the business leader and members of their management team who may be integral to preparedness planning. Upon course completion, students will have the ability to prepare for a pandemic to assure business continuity and employee safety.

## OSHA 7300 Understanding OSHA's Permit-Required Confined Space Standard

Course Fee: \$110 | C.E.U.s: 0.7 | 7 Minimum Contact Hours

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; it does not feature workshops (instrumentation, control methods and testing) which are included in the OSHA #2264 Permit-Required Confined Space Entry. This course is designed for small employers or a designated representative (line supervisor or manager) with the responsibility to develop a permit-required confined space program. 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 7400 Noise Hazard in Construction Industry

Course Fee: \$110 | C.E.U.s: 0.7 | 5.5 Minimum Contact Hours

This course covers the evaluation and reduction of noise hazards in the construction industry. Course topics include OSHA Construction Noise Standards, properties of sound, noise-induced hearing loss, noise exposure control, selection and use of hearing protection, conducting sound level surveys, and worker training. Classroom demonstrations of noise instrumentation and hearing protection devices are featured. The target audience is the construction employer or representative designated with the responsibility to develop a construction noise program. Upon course completion students will understand the properties of sound and its relationship to noise-induced hearing loss, hearing protection usage, how to conduct sound level surveys and the requirements for training workers.

## OSHA 7405 Fall Hazard Awareness for the Construction Industry

Course Fee: \$110 | C.E.U.s: 0.7 | 5 Minimum Contact Hours

This course covers the recognition, evaluation, and control of safety and health hazards for other federal agencies. Course topics include the OSH Act, Executive Order 12196, 29 CFR 1960 and 1910 General Industry Standards, understanding the Federal Safety and Health program regulations, identification of safety and health hazards, controlling hazards, hazard abatement, and construction focus four topics. This course is intended for federal employees responsible for the occupational safety and health programs at their respective agencies. Upon course completion students will have the ability to apply OSHA General Industry Standards and regulations pertaining to federal agencies, identify safety and health hazards, and control and hazard abatement.

## OSHA 7410 Managing Excavation Hazards

Course Fee: \$110 | C.E.U.s: .6 | 6.5 Minimum Contact Hours

This course covers the roles and responsibilities of the employer to educate and assign a competent person to excavation sites. Course topics include understanding and application of definitions relating to the OSHA Excavation Standard, excavation hazards and control measures, soil analysis techniques, protective system requirements and emergency response. Upon course completion, students will understand the importance and duties of a competent person in excavation work and have the knowledge and skills required performing these duties.

## OSHA 7415 Construction Industry Hazards and Prevention Strategies

Course Fee: \$225 | C.E.U.s: 1.2 | 12 Minimum Contact Hours

This course provides federal and public sector employees with pertinent information regarding OSHA requirements and guidelines applicable to construction industry activities and operations. Topics include recognition of major safety and health hazards in the construction industry, prevention strategies, safety and health management systems, OSHA requirements and guidelines, and resources available. The course is an interactive training session focusing on class discussion and workshops. Upon course completion students will have an awareness level of the major construction hazards and prevention strategies.

## OSHA 7500 Introduction to Safety and Health Management

Course Fee: \$110 | C.E.U.s: 0.8 | 5.5 Minimum Contact Hours

This course covers 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. 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 Accident Investigation

Course Fee: \$225 | C.E.U.s: .7 | 7.5 Minimum Contact Hours

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

## OSHA 7845 Record Keeping Rule Seminar

Course Fee: \$100 | C.E.U.s: .4 | 4 Minimum Contact Hours

This course covers OSHA requirements for maintaining and posting records of occupational injuries and illnesses, and reporting specific cases to OSHA. Upon course completion students will have the ability to identify OSHA requirements for recordkeeping, posting and reporting and to complete OSHA Form 300 Log of Work-Related Injuries and Illnesses, OSHA Form 300A Summary of Work-Related Injuries and Illnesses, and OSHA Form 301 Injury and Illness Incident Report.

## OSHA 7510 Introduction to OSHA for Small Business

Course Fee: \$50 | C.E.U.s: .7 | 3.5 Minimum Contact Hours

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. Upon course completion students will understand OSHA operations and procedures and how to work with OSHA to prevent or reduce injuries and illnesses in their workplace.

**Employers will be required to report any work-related fatalities within 8 hours and injuries within 24 hours.**

**EFFECTIVE Jan. 1 2015**

**OSHA** Occupational Safety and Health Administration

## Fall Protection Qualified Person

Course Fee: \$200 | C.E.Us: 1.4

This one-day course is designed to assist construction personnel in understanding and managing fall exposures. We will discuss OSHA requirements for fall protection. Best practices, in addition to minimum standards, will also be presented. This training will allow your employer to select you as the "Competent Person."

## OSHA 9001 Subpart-R Steel Erection Safety Standards

Course Fee: \$100 | C.E.Us: .7

This course provides steel erectors an awareness of steel erection standards contained in 1926 Sub Part R. Instruction includes the standard, the directive (which is a break down of what an OSHA compliance office will look for when visiting a job site), and "fill in the blank" help sheets to create a Site specific erection plan. Upon completion of this course the attendees will understand the safety requirements contained in Sub Part R, and be confident that they will ready if a compliance officer visits their job site. Included in the course are training/signoff sheets to make employees aware of OSHA standards and inquiries that will be made on site by an OSHA officer. By meeting these requirements contractors will be offering a safe and confident working environment for their employees.

## Scaffolding Qualified Person

Course Fee: \$200 | C.E.Us: .7

This one-day course is designed to assist construction personnel in understanding and managing scaffolds. We will discuss OSHA requirements for scaffolds and best practices. In addition, minimum standards will be presented. This training will allow your employer to select you as the "Competent Person."

## 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

Course Fee: \$550 | C.E.Us: 4.0

This course covers the OSH Act, Executive Order 12196, and the OSHA General Industry Standards. This course is intended for federal agency collateral duty safety and health personnel. With use of the OSHA General Industry Standards, special emphasis is placed on areas in general industry which are most hazardous. Upon course completion students will have the ability to define general industry terms, identify hazards that occur in general industry, determine appropriate standards and regulations for federal agencies, locate OSHA General Industry Standards, policies, and procedures, and describe the use of the OSHA General Industry Standards and regulations to effectively assist agency safety and health officers with inspection and abatement efforts.

## 24-Hour HAZWOPER

Course Fee: \$300 | C.E.Us: 2.4

This training is designed for hazardous waste and emergency response workers who must satisfy their 24-hour HAZWOPER training requirement. OSHA standards require employees to complete appropriate HAZWOPER training prior to entering or beginning work on an uncontrolled hazardous waste operation.

Upon successful completion of this OSHA accepted 24-hour HAZWOPER course, you will receive your University of South Florida OSHA Training Institute Education Center Program Certificate.

## 8-Hour HAZWOPER

Course Fee: \$150 | C.E.Us: .8

This refresher training course will help employees assess the hazards associated with uncontrolled hazardous waste sites to determine whether work can be conducted in a safe manner

Upon successful completion of this OSHA accepted 8-hour HAZWOPER course, you will receive your University of South Florida OSHA Training Institute Education Center Program Certificate.

**Courses are available online or as a contract class. Contact our office for more details:  
[usfotioutreach@health.usf.edu](mailto:usfotioutreach@health.usf.edu)**

# Professional Certificate Programs

## Professional Certificate in General Industry (PCG)\*

### Required Courses: 4 Courses

- ◆ OSHA 511 Occupational Safety and Health Standards for General Industry **OR**  
OSHA 501 Trainer Course in OSHA Standards for General Industry\*\* **OR**  
OSHA 503 Update for General Industry Outreach Trainers\*\* **OR**  
OSHA 6000 Collateral Duty Course for Other Federal Agencies
- ◆ OSHA 521 OSHA Guide to Industrial Hygiene
- ◆ OSHA 2045 Machinery and Machine Guarding Standards
- ◆ OSHA 7500 Introduction to Safety and Health Management

### Elective Courses: Choose 5

- ◆ OSHA 2015 Hazardous Materials
- ◆ OSHA 2225 Respiratory Protection
- ◆ OSHA 2264 Permit-Required Confined Space Entry
- ◆ OSHA 3095 Electrical Standards

- ◆ OSHA 3015 Excavation, Trenching and Soil Mechanics
- ◆ OSHA 3115 Fall Protection
- ◆ OSHA 7000 OSHA Training Guidelines for Safe Patient Handling
- ◆ OSHA 7005 Public Warehousing and Storage
- ◆ OSHA 7100 Introduction to Machinery and Machine Safeguarding
- ◆ OSHA 7105 Evacuation and Emergency Planning
- ◆ OSHA 7115 Lockout / Tagout
- ◆ OSHA 7200 Bloodborne Pathogens Exposure Control for Healthcare Facilities
- ◆ OSHA 7205 Health Hazard Awareness
- ◆ OSHA 7300 Understanding OSHA's Permit-Required Confined Space Standard
- ◆ OSHA 7505 Introduction to Accident Investigation
- ◆ OSHA 7510 Introduction to OSHA for Small Business
- ◆ OSHA 7845 Recordkeeping Rule Seminar

## Professional Certificate in Construction (PCC)\*

### Required Courses: 4 Courses

- ◆ OSHA 510 Occupational Safety and Health Standards for Construction **OR**  
OSHA 500 Trainer Course in OSHA Standards for Construction\*\* **OR**  
OSHA 502 Update for Construction Industry Outreach Trainers\*\*
- ◆ OSHA 521 OSHA Guide to Industrial Hygiene
- ◆ OSHA 3015 Excavation, Trenching and Soil Mechanics
- ◆ OSHA 3115 Fall Protection

### Elective Courses: Choose 5

- ◆ OSHA 2264 Permit-Required Confined Space Entry
- ◆ OSHA 3095 Electrical Standards
- ◆ OSHA 2055 Cranes in Construction
- ◆ OSHA 7105 Evacuation and Emergency Planning
- ◆ OSHA 7205 Health Hazard Awareness
- ◆ OSHA 7300 Understanding OSHA's Permit-Required Confined Space Standard

- ◆ OSHA 7400 Noise Hazards in the Construction Industry
- ◆ OSHA 7405 Fall Hazard Awareness for the Construction Industry
- ◆ OSHA 7410 Managing Excavation Hazards
- ◆ OSHA 7415 Construction Industry Hazards and Prevention Strategies
- ◆ OSHA 7500 Introduction to Safety and Health Management
- ◆ OSHA 7505 Introduction to Accident Investigation
- ◆ OSHA 7510 Introduction to OSHA for Small Business
- ◆ OSHA 7845 Recordkeeping Rule Seminar

## Professional Certificate in Maritime (PCM)\*

### Required Courses: 4 Courses\*

- ◆ OSHA 5410 Occupational Safety and Health Standards for the Maritime Industry **OR**  
OSHA 5400 Trainer Course in OSHA Standards for the Maritime Industry\*\* **OR**  
OSHA 5402 Maritime Industry Trainer Update Course\*\*
- ◆ OSHA 2225 Respiratory Protection
- ◆ OSHA 2264 Permit Required Confined Space Entry
- ◆ OSHA 7500 Introduction to Safety and Health Management

### Elective Courses: Choose 5

- ◆ OSHA 521 OSHA Guide to Industrial Hygiene
- ◆ OSHA 2015 Hazardous Materials
- ◆ OSHA 2045 Machinery and Machine Guarding Standards
- ◆ OSHA 3095 Electrical Standards
- ◆ OSHA 7105 Evacuation and Emergency Planning
- ◆ OSHA 7205 Health Hazard Awareness
- ◆ OSHA 7505 Introduction to Accident Investigation
- ◆ OSHA 7845 Recordkeeping Rule Seminar
- ◆ OSHA 7510 Introduction to OSHA for Small Business

## USF OSHA Training Institute Education Center

Regardless of your educational background, the USF Certificate Programs provide both experienced and newer safety professionals important workplace knowledge and practical experience regarding safety and safety standards. Participants will enjoy a fulfilling learning experience and gain the skills necessary to create solutions for workplace safety challenges.

### **Is there a set schedule of courses for certificate programs?**

No. Any course listed on the USF OTI Education Center website or course brochure is applied towards the certificate.

### **I already have a bachelor's degree and I am employed. Would a certificate program benefit me?**

Yes. Certificate programs offer concentrated study in areas directly applicable to many jobs and can add depth to existing knowledge and skills. Completion of a certificate program can help you make the transition to a new career.

### **How will I benefit from this certificate?**

You will become aware of government agencies that affect your industry. You will learn to communicate safety and health problems to your team in order to reduce injuries and health problems in your workplace. We will help you get started on developing an effective safety program.

### **What is the cost to enroll in each certificate program?**

There is a certificate fee: \$150 non-refundable fee to enroll in each of the USF OTI Education Center Certificate Programs. For individual course fees, see the details on our website at [www.usfoticeducationcenter.org](http://www.usfoticeducationcenter.org). Each course is paid for at the time of enrollment.

### **Can I take courses without being enrolled in the certificate program?**

Yes. The certificate program consists of courses from our regular curriculum, so some students work toward a certificate while others do not. From the date of your application for the certificate program, you have three years to complete the required coursework.

### **Can I pursue more than one certificate program at the same time?**

Yes, as long as requirements for all certificates are met.

### **In what order should I take the courses after finishing the fundamental OSHA courses?**

There is no required order to the coursework. Once you have completed the prerequisite courses listed previously you can take any course in your area of interest.

### **What course should I take first?**

If you are new to safety, we recommend you begin your coursework with OSHA Standard based courses depending on your industry:

- OSHA 510-Occupational Health and Safety Standards for the Construction Industry
- OSHA 511-Occupational Health and Safety Standards for General Industry

### **Do I have to take all courses through the University of South Florida OTI Education Center?**

All courses applied to a certificate program must be taken from University of South Florida. Previous courses taken with USF OTI Education Center will apply.

### **How long do I have to complete the certificate?**

From the date of your application for the certificate program, you have three years to complete the required coursework.

### **Do I get college credit for any of these courses?**

The University of South Florida does not offer college credit for these courses. However, several colleges nationwide do apply some of these courses toward an undergraduate degree. Check with individual colleges or universities.

**\*Note: Certificate Program courses are subject to change without notice.**

<u>Price Listing</u>			
500	\$700	501	\$700
502	\$500	503	\$500
510	\$700	511	\$700
521	\$700	2015	\$700
2045	\$700	2055	\$700
2255	\$500	2225	\$700
3015	\$500	2264	\$500
3115	\$500	3095	\$700
5402	\$500	5400	\$700
5600	\$700	5410	\$700
6000	\$700	5602	\$200
		6010	\$1150



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Safety and Health Education”

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[Facebook.com/USFOSHAEC](https://Facebook.com/USFOSHAEC)

Phone: 813-994-1195

Fax: 813-994-1173

E-mail: [USFOTIOUTREACH@health.usf.edu](mailto:USFOTIOUTREACH@health.usf.edu)