

Industrial Training

Incident free operations begins with qualified employees performing tasks in a safe manner at all times. This requires knowledge and skills in planning and following procedures. Although many employers believe that safe work habits are achieved through time and technical experience, safe operations begin with a solid foundation in safety training. Training objectives must be established and led by qualified instructors. The curriculum must satisfy and verify competence of the trainees. Once that is complete, employees must be refreshed periodically to keep skills fresh and to be advised of new regulations and best practices to work safely. Crescent provides high level safety and environmental training to set your employees on the path to success. Below is a list of many of the training courses CSS provides. The courses listed below are all instructor led, but some can also be accessed through the Online CSS Training Portal.

All of the following courses can be paid for either Louisiana Workforce Commission Grant: IWTP or SBET. As an approved state certified grant writer of Incumbent Worker Training Programs, we can help you obtain funds to pay for your employee training. With Small Business Employee Training programs, you can receive up to \$3,000 per employee.

You can rely on the professionals at CSS to get your employees on the path to safety excellence. Our highly skilled and knowledgeable trainers are dedicated to ensuring that your employees receive the most current and effective training available to eliminate at risk behaviors.

Please call for course availability and pricing.

Training Course List			
Course Name	Course Description	CFR / Regulatory Reference	Course Length (Hrs)
PEC Core Training (3-Day)	The 1st day of a 3-day training focusing on the major OSHA standards and hazards of industries. Each employer is responsible for assuring compliance with these standards.	OSHA, BSEE, NFPA, ANSI	8
	The second day of a three-day training focusing on the major OSHA standards and hazards of industries. Each employer is responsible for assuring compliance with these standards.	OSHA, BSEE, NFPA, ANSI	8
	The 3rd day of training focusing on the major OSHA standards and hazards of industries. Each employer is responsible for assuring compliance with these standards.	OSHA, BSEE, NFPA, ANSI	8
Access to Medical Records <small>*Required by OSHA Annuals</small>	This training contains information regarding employee rights of access to medical and exposure records in order to promote the recognition of workplace hazards and subsequently reduce occupational disease. The content in this course is designed to comply with the intent of the applicable regulatory requirements. Course objectives include: state the purpose for maintaining medical and exposure records; identify employer responsibilities in providing employee access to medical and exposure records; recognize the characteristics and terms related to medical and exposure records; and recall requirements and policies associated with access to medical and exposure records.	OSHA	2
Accident/Incident Investigation (RCA)	In Incident Investigation, students will practice the six steps for conducting an incident investigation using Root Cause Analysis within the Safety Management System Process.	Industry Best Practice, OSHA	4
Accident Prevention Signs & Tags <small>*Required by OSHA Annuals</small>	Accident Prevention Signs & Tags is a knowledge-based training program. This training provides information about the design, application, and use of signs or symbols intended to indicate and define specific hazards in the workplace.	OSHA	2
Asbestos Awareness	The health effects associated with asbestos exposure. The relationship between smoking and exposure to asbestos producing lung cancer. The quantity, location, manner of use, release, and storage of asbestos, and the specific nature of operations which could result in exposure to asbestos. Engineering controls and work practices associated with the employee's job assignment. Procedures to protect employees from exposure to asbestos, such as work practices, emergency and clean-up procedures, and personal protective equipment to be used. The purpose, proper use, and limitations of respirators and protective clothing, if appropriate. The purpose and a description of the required medical surveillance program. The content of the standard (§1910.1001), including appendices. The names, addresses, and phone numbers of public health organizations which provide information, materials, and/or conduct programs concerning smoking cessation. The requirements for posting signs and affixing labels and the meaning of the required legends for such signs and labels.	OSHA	2
Atmospheric Testing Awareness	During the Atmospheric Testing course, your duties conducting atmospheric testing are outlined as well as the possible hazards that can occur in a confined space. Also, you will learn about confined space awareness in a non-permit confined space entry.	OSHA	2

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Back Safety Awareness	The Back-Safety Awareness course is knowledge and performance-based training that is designed to provide employee training and education on proper back care and proper lifting techniques for overall back safety.	OSHA	2
Behavioral-Based Safety	This course will provide insight into current knowledge of human error and how it can be reduced. The course focuses on human errors related to undesired behaviors (habits), what causes these, and how to effectively remedy these. Students will learn in general what leads to negative behavior and how to prevent or correct these behaviors. You will learn specific approaches/tools you can put to use in your facilities for controlling behaviors/habits on a day-to-day basis. But to keep the topic of habits/behaviors in perspective, the course also includes a brief overview of all aspects of controlling human error, not just those related to behaviors or habits.	By Employer - Best Management Practice	4
Bloodborne Pathogens <i>*Required by OSHA Annuals</i>	The Bloodborne Pathogens training program will provide students with the essential knowledge necessary to help reduce or eliminate the occupational risk of bloodborne pathogens. This stand-alone training program is intended to meet Occupational Safety and Health Administration (OSHA) training regulations in regard to bloodborne pathogens.	The OSHA Bloodborne Pathogen Standard, 29 CFR 1910.1030, applies to all employees whose job activities may bring them into contact with blood or body fluids.	2
Compressed Gas Cylinder Safety Awareness	The Compressed Gas Cylinder Safety Awareness training session discusses what a compressed gas is, what a cryogenic liquid is, how to handle and store a compressed gas, and what the hazards are of both compressed gases and cryogenic liquids. Compressed gases are used in every aspect of our lives. They are used to keep our food cold, to anesthetize us for surgery, to provide oxygen to emphysema patients, to grill our food, to manufacture products, and to heat rooms. Compressed gases can be very safe, but if you do not handle, store, or use them properly, they can be deadly.	OSHA	2
Confined Space Awareness	The employer will provide Confined Space Awareness training to employees so that they acquire the understanding, knowledge, and skills necessary for the safe performance of duties. Employees must be trained when first assigned to duties in and around permit spaces; before there is a change in assigned duties; whenever there is a change in operations that presents a hazard; and whenever the permit-space entry procedures change. Certification of such training must be available for inspection by employees or their authorized representatives.	OSHA	2
Confined Space Entrant/Attendant	Certification of Confined Space Entrant/Attendant training must be available for inspection by employees or their authorized representatives. Employees must be trained when first assigned to duties in and around permit spaces; before there is a change in assigned duties; whenever there is a change in operations that presents a hazard; and whenever the permit-space entry procedures change.	OSHA	8
Confined Space Supervisor/Rescue	The Confined Space Supervisor course ensures that employers will provide training so that all employees whose work is regulated by this standard acquire the understanding, knowledge, and skills necessary for the safe performance of the duties assigned under this standard. *This class includes entrant, attendant and rescue.	Company-Specific	16
Crane-Overhead	The Overhead Crane course is designed to upgrade material-handling practices within your company by teaching the basics of safe crane and sling operation to increase productivity and efficiency, while reducing the risk of product damage, property damage, and accidents. This will assist you in meeting OSHA requirements described in 29 CFR 1910.179 for Overhead & Gantry Cranes. There are two parts to this overhead crane safety program: (1) a 2hr classroom session and (2) an operator evaluation where your employees can demonstrate their ability to operate the company equipment safely and efficiently.	ASME B30.2, B30.17, and B30.5; 29 CFR 1910.179	4

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Deck Safety	The Deck Safety course was designed to meet the training curriculum of the American Waterways operators, Responsible Carrier program (RCP). This program is an excellent tool to familiarize new crew members with the job requirements and safe work practices necessary for working in the maritime industry. It is also invaluable as a training resource to reinforce safe work habits for existing employees.	Company-Specific	4
Defensive Driving Course (DDC) - National Safety Council CBT	The Defensive Driving course is a comprehensive driver improvement program with a basic curriculum offering practical knowledge and techniques to avoid crashes and to choose safe, responsible and lawful driving behaviors.	Company-Specific	4
DOT 49 CFR 171-180; 4hr Hazardous Chemical Transportation, formerly DOT HM- 126F	The DOT CFR 49.171-180; 4 Hr Hazardous Chemical Transportation course will introduce the student to the world of hazardous materials and how they must be handled for transportation. This course will give the student a general awareness, in reference to handling hazardous materials. It will explain the considerations for determining what is considered a hazardous material and how it must be handled for transportation for all modes of transportation. The course is an overview of: the paperwork required for its transportation and how it must be handled; packaging required for the product; how the packaging must be marked and type markings required; and the requirements for loading and unloading such materials. The course will also introduce how to recognize markings and what they mean, along with how they should be placed on the packaging. The student will also learn in a general way what to do in an emergency, understanding an "Emergency Response Guidebook" and how to use it.	Department of Transportation	4
Drug & Alcohol Awareness	Drug & Alcohol Awareness is part of the Substance Abuse Awareness program, a knowledge-based training program that meets DOT & USCG guidelines for awareness-level training and education pertaining to crew members working in offshore safety sensitive positions.	DOT, USCG	2
Drug & Alcohol Supervisor	The Drug & Alcohol Supervisor course satisfies the U.S. Department of Labor and the U.S. Coast Guard requirement for reasonable suspicion training for all employees designated to supervise regulated employees under applicable regulations. The requirements apply to employees who have management or supervisor responsibilities, along with employees who have regular contact with regulated personnel. Federal requirements mandate that the employer shall provide education materials that explain the requirements and the employer's policies and procedures with respect to meeting these requirements.	DOT, USCG	8
Electrical Safety for Non-Electrical Workers <small>*Required by OSHA Annuals</small>	The Electrical Safety for Non-Electrical Workers training module meets Occupational Safety and Health Administration guidelines for training and awareness pertaining to practical safeguarding of employees in their workplace. This information is applicable to all electric equipment and installations used to provide electric power and light for employee workplaces.	OSHA	2
Environmental Injury Awareness	Environmental injury awareness examines risks and challenges faced in different environments with different types of hazards, including natural disasters like tornadoes, hurricanes, and flash floods. Additional discussion topics include: Adverse health effects caused by exposure to heat, cold, or wind. The organic and indigenous hazards, such as insects, snakes, and other animals. Special emphasis is placed on the basic physical principles controlling such hazards, the development of simple quantitative methods to make assessments of threats posed by these hazards, and emergency response for those affected.	29 CFR 1910, Section 5 (a)(1) General Duty Act	2
Excavation and Trenching	The primary hazard from trenching and excavation is employee injury from collapse. Soil Analysis is important in order to determine appropriate sloping, benching, and shoring. Additional hazards include working with heavy machinery; manual handling of materials; working in proximity to traffic; electrical hazards from overhead and underground power lines; and underground utilities like natural gas. This in-depth Trenching and Excavation Awareness Course is designed to instruct the worker, per OSHA's 29 CFR 1926.650 standard, on the various hazards associated with this type of work, as well as instruct the worker on the proper procedures and controls to ensure safe work practices.	OSHA's 29 CFR 1926.650	2

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Fall Protection Awareness	The Fall Protection Awareness module fulfills basic requirements for those employees who may be exposed to hazards involving falls. The module further fulfills the basic requirements outlined in Occupational Safety and Health guidelines, Code of Federal Regulations 29 CFR 1926.501, 29 CFR 1926.502 and 29 CFR 1926.503. This program shall enable each employee to recognize the hazards of falling. Each employee will be trained to follow procedures created to minimize hazards from falls.	OSHA	2
Fall Protection Authorized Person	The Fall Protection Authorized Person course provides training in fall protection and its use. Many employees in general industry work on scaffolds, climb up and down ladders, walk on narrow stairs, work in areas where there may be holes in the floor, or work on elevated floors which have unprotected edges. Careless or improper use of equipment can result in serious injury or death. Employers and employees should know how to use personal fall arrest systems, including manufacturers' recommendations. Employees should be trained in the selection of personal fall protection equipment.	OSHA	8
Fall Protection Competent Person/Industrial Rescue	The Fall Protection Competent Person/Industrial Rescue course is intended for those whose job responsibilities require them to actively supervise employees and contractors working at elevation. This is an interactive session with demonstration, written exams, and field exercises to accomplish the course objectives.	OSHA	8
Incipient Firefighting/Fire Watch	The Incipient Fire Fighting 4Hr - Limited Hands On course will familiarize employees with the general principles of fire extinguisher use and the hazards involved with incipient stage firefighting.	OSHA	4
Forklift Operator Safety	The Forklift Operator Safety course covers safety requirements relating to the design, maintenance, and safe use of forklift trucks. It is designed to help student learn to evaluate the workplace and determine if loads can be safely moved. It includes: inspection of the equipment, lift limitations; understanding fulcrum and center of gravity along with safe operation in all phases of using the lift. The student will be responsible for demonstrating the proper use and inspection of the lift he will be using.	OSHA	4
Hand and Power Tool Safety	The Hand and Power Tool Safety course is important since hand and power tools are a common part of our everyday lives and are present in nearly every industry. Simple tools can be hazardous and have the potential for causing severe injuries. This course is designed to cover the general hazards and safety precautions associated with hand and power tools.	OSHA	2
Hazard Communication (HAZCOM) New GHS Standard <small>*Required by OSHA Annals</small>	The Hazard Communication (HAZCOM) (GHS) training module meets Occupational Safety and Health Administration guidelines for training and awareness pertaining to the hazard communications standard, this module fulfills basic requirements for employees who may be exposed to hazardous chemicals. The module further fulfills the basic requirements outlined in Occupational Safety and Health guidelines, Code of Federal Regulations 29 CFR 1910.1200.	OSHA	2
Hazardous Waste Operations and Emergency Response; (HAZWOPER) 24hr	The Hazardous Waste Operations (HAZWOPER) Awareness course provides training and education to employees who participate, or are expected to participate, in emergency response operations for releases or threats of releases of hazardous substances without regard to hazard location or their hazard response level. First responders at the awareness level are individuals who are likely to witness or discover a hazardous substance release and who have been trained to initiate an emergency response sequence by notifying the proper authorities of the release. They would take no further action beyond notifying the authorities of the release.	OSHA	24-40 Job Title/Level Dependent
Hazardous Waste Operations and Emergency Response; Operations Level (HAZWOPER) 8hr	Emergency response refers to a response effort by designated personnel to an occurrence that results in, or is likely to result in, an uncontrolled release of a hazardous substance. The Hazardous Waste Operations (HAZWOPER) Operator course is designed for first responders at the operations level. They are personnel likely to witness or discover a hazardous substance release and then initiate an emergency response by notifying the proper authorities of the release and then have the ability to operate within the incident command structure to passively contain or control a leak.	OSHA	8

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Hazardous Waste Operations and Emergency Response; Refresher (HAZWOPER) 8hr	The Hazardous Waste Operations (HAZWOPER) Refresher course meets the requirements for annual refresher training for workers at hazardous waste sites. This course is designed for general site workers who remove, are exposed, or are potentially exposed to hazardous waste, hazardous substances, or health hazards.	OSHA	8
Hearing Conservation/Noise Exposure Awareness <small>*Required by OSHA Annuals</small>	The Hearing Conservation Awareness program is a knowledge-based training program that meets Occupational Safety and Health Administration guidelines for training and education pertaining to occupational noise exposure. The program specifically addresses employees whose daily total noise exposure would equal or exceed the established 8-hour time weighted average (TWA) sound level of 85 decibels measured on the "A" weighted scale, in the hearing conservation procedures. Protection against the effects of noise exposure will be provided when the sound levels exceed those designated by the standard. Employers must make copies of this standard available to affected employees.	OSHA	2
Heavy Equipment Operator Safety	The Heavy Equipment Operator Safety course follows a standardized training format based on competency-based training & performance testing on the type of equipment to be operated.	OSHA	8
Hydrogen Sulfide (H₂S)	The goal of the Hydrogen Sulfide (H ₂ S) course is to learn how to recognize when Hydrogen Sulfide is present in your work area and to describe the precautions necessary to work with Hydrogen Sulfide safely. This program will help to fulfill the training requirements of API Recommended Practice 49, ANSI Z390.1 and other regulatory standards.	OSHA	4
Hydrogen Sulfide (H₂S)/Respiratory Protection Combo*** <small>*Required by OSHA Annuals</small>	The goal of the Hydrogen Sulfide (H ₂ S) course is to learn how to recognize when Hydrogen Sulfide is present in your work area and to describe the precautions necessary to work with Hydrogen Sulfide safely. This program will help to fulfill the training requirements of API Recommended Practice 49, ANSI Z390.1 and other regulatory standards.	OSHA	4
JSA/Hotwork Permitting	The Job Safety Analysis (JSA) program is designed to provide information on establishing an effective job safety analysis procedure to identify and eliminate hazards.	Employer	2
Lockout/Tagout <small>*Required by OSHA Annuals</small>	The Lock-Out/Tag-Out (LOTO) course covers the servicing and maintenance of machines and equipment in which the unexpected energizing or startup of the machines or equipment, or release of stored energy could cause injury to employees. This standard establishes minimum performance requirements for the control of such hazardous energy. The information covered in this session includes the steps in the Lock-Out/Tag-Out and the affected employee's part in the procedure. Also, you'll be provided information on the locks and tags that are used.	OSHA	2
Machine Guarding <small>*Required by OSHA Annuals</small>	The Machine Guarding course familiarizes students with various types of common machinery and the related OSHA safety standards. The course presents an approach to machine inspection that enables participants to recognize hazards, such as those created by points of operation, rotating, reciprocating, and other machine function which may allow an operator to be in danger of pinch points or flying sparks, chips or materials.	OSHA	3
Marine Trash & Debris	Required when working offshore. Course video covers the requirements for keeping the Gulf clean and securing equipment, so it doesn't go overboard and cause harm to marine life and adjoining coastlines.	BSEE	1
Maritime Security CBT	The Maritime Security CBT training program will provide students with the essential knowledge necessary to ensure general maritime security for vessels and/or ports.	33 CFR 104.220, 104.225, 105.210, 105.215	2
American Red Cross - Basic Plus CPR, AED, and First Aid for Adults <small>*Required by OSHA Annuals</small>	The American Red Cross Basic Plus CPR, AED, and First Aid for Adults course is intended for individuals who are not healthcare providers or professional rescuers but desire or are required to be certified in CPR, AED, and First Aid for adults.	OSHA	4
American Red Cross Bloodborne Pathogens in the Workplace	This American Red Cross - Bloodborne Pathogens in the Workplace are geared towards individuals with reasonable anticipation of contact with blood or other potentially infectious materials as a result of performing designated job duties.	OSHA	2

Training Course List			
Course Name	Course Description	CFR / Regulatory Reference	Course Length (Hrs)
CPR/First Aid/BBP Combined	See the 2 course outlines above combined.	OSHA	6
Naturally Occurring Radioactive Materials (NORM) Awareness*	The NORM Awareness course is designed for the awareness level only. This course is designed for the person that wants to know the hazards of NORM. This course will cover subjects such as where NORM comes from, how to identify possible NORM areas, and how to protect yourself from NORM.	Louisiana Department of Environmental Quality for persons working in areas with possible NORM contamination and OSHA (persons working in the area of possible NORM contamination)	2
OSHA 10hr General Industry Outreach Training Program	The OSHA 10hr-General Industry is intended to provide an entry level worker broad awareness on recognizing and preventing hazards on a general industry site.	OSHA	10
OSHA Annuals	This course is geared to satisfy the OSHA Annual Training Requirements for all employees, including these courses: 1) Access to Medical Records, 2) Accident Prevention, Signs & Tags, 3) Basic Plus CPR, AED, and First Aid for Adults, 4) Bloodborne Pathogens (BBP), 5) Electrical Safety, 6) Emergency Action Plan, 7) Emergency Response, 8) H2S/Respiratory Protection, 9) Hazard Communication (HAZCOM) – GHS Standard, 10) Hearing Conservation/Noise Exposure Awareness, 11) Incipient Firefighting/Fire Extinguisher, 12) Lockout/Tagout (LOTO), 13) Machine Guarding, 14) Marine Trash & Debris, and 15) Personal Protective Equipment (PPE).	OSHA Annuals	8
PEC Refresher	The PEC Refresher course is offered to maintain required training for all land-based and offshore employees and those contractors actively engaged in operations, such as wireline operators, contract lease operators and maintenance or construction crews. The training consists of 2 parts: (1) viewing of training video/slide show and (2) lecture on course objectives, as listed below.	Company-Specific	8
Personal Protective Equipment (PPE) <small>*Required by OSHA Annuals</small>	This course covers types, selection, maintenance, and care of personal protective equipment in the workplace. The types of personal protective equipment (PPE) covered in the course include: hard hat, respiratory protection, hearing protection, and body protection. The content in this course is designed to comply with the intent of the applicable regulatory requirements. Learner objectives are to: describe the proper use of the various types of PPE commonly found in general industry, identify the level of protection that a user is provided when wearing specific types of PPE, and discuss the general maintenance and care techniques used for various types of PPE.	OSHA	2
Qualified Rigger (ASME B30.5; ASME B30.9; API RP 2-D)	Employers must use a qualified rigger during hoisting activities for assembly and dis-assembly. Additionally, qualified riggers are required when workers are within the fall zone and are engaged in hooking, unhooking, or guiding the load, or in the initial connection of a load to a component or structure. Employers must ensure that the qualified rigger has the ability to properly rig load work for a particular job because there are different types of rigging jobs and each load that requires rigging has unique properties.	OSHA	8
Qualified Signal Person	The 8hr Qualified Signal Person course is designed for construction personnel who could reasonably be expected to signal an operator and be appointed as the qualified signal person by the employer. This course is required for compliance when a signal person is assigned a new, never before had, level of responsibility. Signal persons are used to simply be a separate set of eyes on the ground, helping the operator get the load from Point A to Point B. Now the person in this position is more accountable to help the whole crew and to ensure the load is taken along a path that minimizes risk to others and lowers the risk to the crane. Signal persons must prove they are capable of signaling by written or oral testing and by performance. A signal person is used on a construction site when either the operator or the person handling the load determines that a signal person is needed because of site-specific safety concerns. A signal person is also required when the point of operation is not in full view of the operator and/or the operator's view is obstructed in the direction the equipment is traveling.	OSHA	8

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Respiratory Protection	OSHA's primary objective for Respiratory Protection is the prevention of atmospheric contamination. Accepted engineering control measures are to be used to accomplish this (for example, enclosure or confinement of the operation, general and local ventilation, and substitution of less toxic materials). When effective engineering controls are not feasible or sufficient, or while they are being instituted, OSHA requires that employees use appropriate respirators. When your employees need respirators to do their jobs, setting up an effective respirator safety program is essential. The Respiratory Protection regulation (29 CFR 1910.134) establishes uniform guidelines for protecting your workers when they must work in hazardous atmospheres.	OSHA	2
Rigging (4hr) Limited Hands-On (API RP 2-D)	The Rigging (4hr) Limited/Hands-On course is for employees who work offshore and whose job requires them to handle material of all shapes, sizes and configuration are provided training and education in the skills needed to properly perform this job function. Students learn the recommended safe rigging practices and procedures used for offshore rigs, platforms, boats, and helicopters as defined by API RP 2D 6th edition.	BSEE, Coast Guard, OSHA	4
SafeGulf/SafeLand	SafeGulf/SafeLand was designed to take the place of multiple operator orientations and to give each student a general idea of life and safety issues in the oil and gas industry, upstream, downstream, onshore or offshore. This one- day program meets THE API RP 75 & API RP T-1 requirements and provides a basic understanding at an awareness level of certain general safety information that an employee should know before entering a company facility and while performing their assigned work duties. Over 40 of the leading oil and gas operators accept this orientation as it meets their requirements. Upon successful completion of course, each student is issued a picture ID with a unique barcode. The student information is then stored in an online database. This orientation has become the standard program for the industry and certifies a student at the awareness level for SafeGulf/SafeLand.	Employer	8
SafeLand	The SafeLand Orientation safety awareness course was designed to take the place of multiple Operator orientations and to give each employee a general idea of life and safety issues in the oil and gas industry, upstream, downstream, and onshore. This one-time, one-day program meets (API RP 75 & API RP T-1), OSHA and BSEE requirements and provides a basic understanding at an awareness level of certain general safety information that an employee should know before entering a company facility and while performing their assigned work duties. Upon successful completion of course, each employee is issued a PEC picture ID certification card with a unique barcode.	Employer	8