

Center for Risk Management

GULF COAST SAFETY INSTITUTE

2022 SPRING COURSE SCHEDULE

The Center for Risk Management safety training classes are offered FREE to the public through a generous grant from the Texas Mutual Insurance Company. Continuing Education Units (CEUs) and certificates will be awarded upon successful completion of each course.

Root Cause and Job Safety Analysis

Root Cause Analysis (RCA) and Job Hazard Analysis (JHA) are foundational safety processes that most organizations perform, but few do with excellence. If your JHAs aren't eliminating incidents and injuries and you are seeing repetitive repeat incidents even after performing RCAs, your processes may be falling short. Learning or revisiting the critical components of the processes can help you determine how well your team is leveraging these important activities. In this class, the student will learn to facilitate and utilize several different root cause analysis techniques, determine and effectively implement corrective actions, recognize hazards and controls for a variety of processes, equipment and jobsites, implement a step-by-step JHA process and alignment with the Safety Management System.

48-OSHT-1071 • **01/21/22** • 8:00am-5:00pm • GCSI Room 112 • L. McGaha

Fleet Safety & Vehicle Risk Mitigation

Participants in this course will be able to use the ANSI/ASSE Z15, Safe Practices for Motor Vehicle Operations, to develop a concrete action plan to reduce their drivers' and company's risks, especially pertaining to the risks of non-DOT drivers. This course will also discuss insurance and risk management, driver behavioral motivations, metrics, and partnering with local authorities.

49-OSHT-1071 • **02/04/22** • 8:00am-5:00pm • GCSI Room 112 • L. McGaha

Walking Working Surfaces

Providing safe walking-working surfaces (WWS) is critical for both general industry and construction work. OSHA's updated rule on Walking-Working Surfaces (29 CFR 1910 Subpart D) not only aligns the construction and general industry regulations, but also outlines new requirements related to WWS and safe means of accessing these surfaces. Understanding these requirements can have a major impact on maintaining compliance and providing a safe environment for work at heights. The presenter will share the impact of recent changes to the regulations, the differences between the general industry and construction guidelines, as well as tips on how to incorporate management of WWS into a safety program.

50-OSHT-1071 • **02/18/22** • 8:00am-5:00pm • GCSI Room 112 • N. Miller

Machine Guarding: The Do's and Don'ts

Presses. Guillotine cutters. Grinding Wheels. Rotating or reciprocating machinery. These machines are incredibly powerful and dangerous. Machine guarding is #8 on OSHA's top 10 most frequently cited standards violated in FY 2018 with over 1,700 violations. Injuries and amputations from machine guarding incidents can total as much as \$133,000 per incident. In this course you will learn to identify potential hazards in your workplace that require machine safeguarding and ensure they adhere to OSHA regulations.

51-OSHT-1071 • **03/04/22** • 8:00am-5:00pm • GCSI Room 112 • J. Cherry

Lock-Out/Tag-Out (LOTO)

This Lock-Out/Tag-Out (LOTO) class is designed to help the worker and the employer understand what the definition of LOTO is and the procedures to address hazardous energy in the workplace as per OSHA. It will also address some of the components for the company to consider when setting up LOTO procedures, or the individual to consider before starting a project. By the end of the class, the student will be able to identify some of the hazards seen in the workplace, as well as, the procedures that should be used for those hazards, and the risks associated with not using proper LOTO procedures. The class will include class discussion and hands-on exercises.

52-OSHT-1071 • **03/25/22** • 8:00am-5:00pm • GCSI Room 112 • J. Cherry

Improving Your Respiratory Protection Program

In 2020 Respiratory Protection was the third most cited OSHA violation. Respiratory protection has remained in the top 5 most cited violations for more than 10 years. Respiratory protection programs are a critical part of your safety management program and involve more than just buying respirators and making them available to your workforce. This class will cover the requirements of the OSHA standard, establishing and maintaining a respiratory protection program, how to develop your respirator cartridge change-out schedule, and identify the typical pitfalls that could result in an OSHA citation.

53-OSHT-1071 • **04/08/22** • 8:00am-5:00pm • GCSI Room 112 • S. Roberson

Eye & Face Protection

According to the OSHA overview page on eye and face protection, thousands of employees are blinded each year from work-related injuries that could have been prevented with the proper selection and use of eye and face protection. This standard 1st showed on OSHA's Top 10 list in 2018 in 10th place. In 2020 it moved up to #9. Interestingly, the 1st American Standard Safety Code was approved in 1921 and covered the protection of the heads and eyes of industrial workers. Today many of the Eye and Face Protection violations were the result of employers not enforcing the use of appropriate eye or face protection when employees were exposed to hazards. In this class, we'll cover both the Personal Protective Equipment and the Eye and Face Protection standards for both General Industry and Construction to identify the risks and ways to protect your employees.

57-OSHT-1071 • **04/22/22** • 8:00am-5:00pm • GCSI Room 112 • S. Roberson

Heat Illness Protection

This class is designed to help employers and workers assess heat stress hazards and establish an effective heat-illness prevention program. Understanding the six critical factors associated with heat stress is essential in the prevention of heat-related illnesses and fatalities. In this class we will cover risk factors for heat stress, how the body handles heat, heat-related illnesses, common prevention strategies, how to conduct a heat hazard assessment, implementing effective controls, training workers, preparing for medical emergencies and conducting incident investigations. Various types of heat stress monitors and heat-illness prevention devices will be demonstrated.

58-OSHT-1071 • **05/06/22** • 8:00am-5:00pm • GCSI Room 112 • R. Phalen

OSHA's Top 10: #1 Fall Protection

Again, Fall Protection has taken the top spot on OSHA's Top 10 list with over 7,000 violations cited. Falls remain the leading cause of death in the construction industry. Many have implemented additional training for site employees on fall protection use – but the numbers aren't changing quickly enough. If training is not the answer – what is? Learning how to minimize the risk of dangerous or fatal fall hazards allows an organization to take a proactive approach. This workshop provides an overview of: Effective fall protection programs, strategies for identifying/evaluating/controlling fall hazards, background on current standards, regulations, statistics & trends, all critical elements of a fall protection program, general information about fall protection equipment including equipment components, system development, anchorages, and clearance requirements. All information presented will be in accordance with the ANSI Z359 family of fall protection standards.

59-OSHT-1071 • **05/20/22** • 8:00am-5:00pm • GCSI Room 112 • N. Miller