

Center for Risk Management

GULF COAST SAFETY INSTITUTE

2024 FALL COURSE SCHEDULE

The Center for Risk Management safety training classes are supported through a generous grant from the Texas Mutual Insurance Company. Continuing Education Units (CEUs) and certificates of completion will be awarded upon successful completion of each class. **There is NO enrollment fee.** **NOTE:** Gulf Coast Safety Institute is located at College of the Mainland League City campus 1411 W. Main St., League City, TX 77573. **REGISTER TODAY by calling 409-933-8162.** For any questions regarding the class call 409-933-8162.

Spanish-OSHA 10 horas para la Industria de la Construcción.

Este curso de 10 horas tiene como objetivo proporcionar instrucción a los participantes de nivel inicial sobre una variedad de normas de seguridad y salud en la industria de la construcción. Este esfuerzo de divulgación, dirigido a promover la seguridad y la salud en el lugar de trabajo, será impartido por un instructor autorizado. Por favor, ten en cuenta que se emitirán tarjetas de finalización del curso de OSHA a todos los participantes. (Thursday 8:00am - 5:00pm & Friday 8:00am - 12:00pm)

OSHT-1071-110CL • 8/29-30/2024 • Thursday 8:00am - 5:00pm & Friday 8:00am - 12:00pm • LGC Room 133 • R. Herrera

Introduction to Hazardous Materials Compliance

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

OSHT-1071-111CL • 9/6/2024 • 8:00am-5:00pm • LGC Room 133 • S. Wilson

Introduction to Machinery and Machine Guarding Standards

This course covers the various types of common machinery, machine safeguards, and related OSHA regulations and procedures. Guidance is provided on the hazards associated with various types of machinery and the determination of proper machine safeguards. Course topics include machinery processes, mechanical motions, points of operation, control of hazardous energy sources (lockout/tagout), guarding of portable powered tools, and common 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. Students will have the knowledge and ability to describe common machine hazards and sources of energy, identify resources for assisting with machine guarding issues, and determine methods of control and hazard abatement, and selection of appropriate machine safeguards.

OSHT-1071-112CL • 9/13/2024 • Friday 8:00am - 5:00pm • LGC Room 133 • N. Stuart

Introduction to Cranes in Construction

This course covers the best practices in crane and derrick operation using the OSHA Cranes and Derricks in Construction Rule as a guide. Course topics include hazards associated with crane assembly and disassembly, types of cranes, lifting concepts, rigging and wire rope, signaling, employee qualifications and training, and maintenance, repair, and inspection requirements. Students will participate in workshops to reinforce concepts of safe crane operation. Students will have the knowledge and ability to identify the types of cranes and their components and attachments, determine safe operating conditions, and recognize common violations of OSHA Standards.

OSHT-1071-113CL • 9/27/2024 • 8:00am-5:00pm • LGC Room 133 • R. Herrera

Introduction to Respiratory Protection

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. Students will have the knowledge and 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.

OSHT-1071-114CL • 10/4/2024 • 8:00am-5:00pm • LGC Room 133 • S. Roberson

Introduction to Permit-Required Confined Space Entry

This course covers the safety and health hazards associated with permit-required confined space entry. Course topics include recognition of confined space hazards, identification of permit and non-permit required confined spaces, use of instrumentation to evaluate atmospheric hazards, ventilation techniques, development and implementation of a confined space program, proper signage, and training requirements. This course features workshops on permit entry classification, instrumentation, and program development. Students will have the knowledge and 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.

OSHT-1071-115CL • **10/11/2024** • 8:00am-5:00pm • LGC Room 133 • J. Cherry

Spanish-Introducción a Excavación, Zanjas y Mecánica del Suelo

Spanish. Este curso se centra en las operaciones y aspectos de seguridad de la excavación y el entrenchado. Los participantes se familiarizan con la mecánica práctica del suelo y su relación con la estabilidad de taludes y paredes con o sin refuerzo. Se explican varios tipos de refuerzo (maderas y sistemas hidráulicos). Se demuestran métodos de prueba, lo que permite a los estudiantes utilizar instrumentos como penetrometros, tijeras y varillas de ingeniería. Al completar con éxito este curso, los estudiantes tendrán la capacidad de evaluar la seguridad del empleador según el estándar actual, utilizar métodos de prueba de suelos para clasificar los tipos de suelo, determinar sistemas de protección para operaciones de excavación y establecer requisitos de capacitación.

OSHT-1071-116CL • **10/25/2024** • 8:00am-5:00pm • LGC Room 1133 • R. Herrera

Introduction to Electrical Standards

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.

OSHT-1071-117CL • **11/1/2024** • 8:00am-5:00pm • LGC Room 133 • R. Herrera

Introduction to Fall Protection

This course covers the OSHA Fall Protection Standard for construction and an overview of fall protection methods. Course topics include principles of fall protection, components and limitations of fall arrest systems, and OSHA Standards and policies regarding fall protection. 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. Students will have the knowledge and 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.

OSHT-1071-118CL • **11/8/2024** • 8:00am-5:00pm • LGC Room 133 • J. Cherry

Introduction to Warehousing and Storage

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.

OSHT-1071-119CL • **11/22/2024** • 8:00am-5:00pm • LGC Room 133 • R. Herrera

Introduction to Machinery and Machine Safeguarding

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.

OSHT-1071-120CL • **12/6/2024** • 8:00am-5:00pm • LGC Room 133 • B. Hamilton

