

# MANUFACTURING MAINTENANCE...



## ...safety refresher series!

### Series Objectives:

The manufacturing maintenance refresher series reinforces general safety and awareness of hazards workers may encounter in the workplace. The series strengthens participant knowledge of various practices to mitigate hazards by being reminded of OSHA regulation and industry best practices.

### Workshop Schedule & Cost

#### Day 1

Lockout Tagout - April 9, 2018 • 8:00 – 12:00 pm, Dallas Campus, DSC 208 - Cost: \$57

Machine Guarding - April 9, 2018 • 1:00 – 5:00 pm, Dallas Campus, DSC 208 - Cost: \$57

#### Day 2

Arc Flash NFPA 70E - April 10, 2018 • 8:00 – 12:00 pm, Dallas Campus, DSC 208 - Cost: \$57

Personal Protective Equipment - April 10, 2018 • 1:00 – 5:00 pm 1:00 – 5:00 pm, Dallas Campus, DSC 208 - Cost: \$57

#### Day 3

General Industry Hazard Awareness - April 11, 2018 • 8:00 – 12:00 pm, Dallas Campus, DSC 208 - Cost: \$57

Hazard Communication - April 11, 2018 • 1:00 – 5:00 pm, Dallas Campus, DSC 208 - Cost: \$57

#### Day 4

First Aid, CPR, AED - April 12, 2018 • 8:00 – 12:00 pm, Dallas Campus, DSC 208 - Cost: \$82

Bloodborne and Airborne Pathogens Training - April 12, 2018 • 1:00 – 3:00 pm, Dallas Campus, DSC 208 - Cost: \$47

Confined Space Awareness - April 12, 2018 • 3:30 – 5:30 pm, Dallas Campus, DSC 208 - Cost: \$37

#### Day 5

Emergency Action Plans - April 13, 2018 • 8:00 – 12:00 pm, Dallas Campus, DSC 208 - Cost: \$57

Fire Protection Safety - April 13, 2018 • 1:00 – 5:00 pm, Dallas Campus, DSC 208 - Cost: \$57

### Lockout/Tagout Safety – 4 Hour Course

This course will break down the regulation and answer site-specific questions and guide participants through interactive discussions and pair activities relating to the OSHA lockout/tagout regulation. Participants will learn key elements of the Lockout/Tagout regulation (29CFR 1910.147, Subpart J) issued by the Occupational Safety and Health Administration (OSHA).

### Machine Guarding Safety – 4 Hour Course

Through discussion and activities, our professional facilitator will break down the regulation into terms participants can understand. They will learn practices and procedures that will keep them in compliance and, best of all, protect your employees.

The course covers:

- Each section of OSHA 1910 Subpart O Machinery and Machine Guarding (1910.211-1910.219) in detail
- Basic concepts, principles and methods of machine guarding
- Common causes of machine incidents and how to avoid them
- Which areas should be guarded to provide adequate worker protection

- Best practices - how to apply basic guarding principles when specific issues aren't covered in the regulation

### The Arc Flash NFPA 70E – 4 Hour Course

- Definition and explanation of Arc Flash NFPA 70E and Arch Flash NFPA 70E standards
- Requirements of an electrically qualified person
- Summary of Arc Flash hazards
- Review of approach boundaries requirements
- Changes to Arc Flash NFPA 70E standard

### Personal Protective Equipment – 4 Hour Course

This course will cover the key elements of the OSHA PPE regulation (29CFR 1910.132-140, Subpart I), and show companies how to protect their employees and business.

The course covers:

- The relationship between PPE, administrative controls, and engineering controls
- How to conduct a PPE Hazard Assessment and Certification Statement
- Various types of PPE and how to use them

**For information about these courses, contact Latoya Conners, Coordinator - Business and Industry Training, at 704.922.6547 or [conners.latoya@gaston.edu](mailto:conners.latoya@gaston.edu)**



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- OSHA's responses to questions about implementation, including: who is required to pay for PPE, and who is responsible if an employee brings in his own PE
- Simple, practical methods that ensure compliance with the OSHA standard and protect your employees

### **General Industry Hazard Awareness - 4 Hour Course**

This course is designed to provide tools and information necessary to conduct Hazard Assessments at General Industry sites. Areas of concentration include recognition of existing hazards in the areas of Equipment, Ergonomics, Chemical, Physical and Work Practices, documentation of assessment data, as well as development of control mechanisms.

### **Hazard Communication - 4 Hour Course**

This course is designed to protect employees from hazardous chemicals used or stored in the workplace. This program provides an easy and effective way to communicate the new hazard standards while engaging all employees in the continuous improvement of their safety culture.

A compliance schedule was created by OSHA for the new requirements. The compliance date that most affects employers of all types is cited in 1910.1200(j)(1): "Employers SHALL train employees regarding new label elements and Safety Data Sheet format by December 1, 2013."

This course includes:

- OSHA Globalized Hazcom standard review and implementation schedule
- Be able to determine overall impact and coverage for your operation
- Be able to identify and define new wording, symbols and hazard system numbering for new labeling program
- Be able to read and understand new SDS (16 Section format)
- Determine need for extent and content of associate training to comply with new standard
- Review new appendix information for Hazard Determination, labeling and MSDS procedures

### **First Aid, CPR, AED – 4 Hour Course**

This in-depth course focuses on immediate life-threatening situations, and demonstrates how to respond quickly and effectively. As importantly, it provides real-world perspectives on how frequently these situations occur to help provide context and retain knowledge. This course meets Center for Disease Control, OSHA and National Fire Protection Agency guidelines.

Participants will learn:

- The professional rescuer's role in medical emergencies
- How to assess a victim's condition
- Basic life support, including rescue breathing, cardiac emergencies and CPR airway obstruction
- How to properly and effectively use an automated external defibrillation (AED)

*Course material cost per student - \$25.00*

**Bloodborne and Airborne Pathogens Training -2 Hour Course**  
OSHA 29 CFR 1910.1030 requires employers to safeguard employees who have a reasonably anticipated occupational exposure to blood or other potentially infectious materials.

Participants will learn:

- The fundamentals of bloodborne pathogens training
- Essential information on hepatitis viruses and HIV
- How to prevent infection from bloodborne pathogens
- About airborne pathogens, including tuberculosis

*Course material cost per student - \$10.00*

### **Confined Space Awareness - 2 Hour Course**

Through discussion and activities, our professional facilitator will break down the regulation into terms you can understand. In just four hours, you'll learn practices and procedures that will keep you in compliance and, best of all, protect your employees.

The course covers:

- Key elements of the OSHA Permit-Required Confined Spaces Regulation (29 CFR 1910.146)
- Confined spaces concepts and terminology
- The difference between confined spaces and permit-required confined spaces
- How to identify and evaluate hazards: atmospheric, mechanical, chemical
- Procedures for controlling hazards
- Proper protective equipment for confined spaces
- Duties of the entry supervisor, entrant, and attendant
- Procedures for self-rescue, non-entry rescue, entry rescue by company employees, and entry rescue by emergency responders
- Completing the entry process

### **Emergency Action Plans – 4 Hour Course**

The importance of an effective workplace safety program cannot be overemphasized. Several OSHA standards require employers to have emergency action plans for their workplaces. Emergency preparedness is a well-known concept in protecting workers' health and safety.

This course is designed to meet OSHA requirements, as well as protect your workforce. This course will provide a step-by-step process for customizing strategies that provide for the safety of personnel, properties, and facilities.

### **Fire Protection Safety – 4 Hour Course**

This course will show participants how to reduce fire risks as well as provide hands-on fire extinguisher training.

The course covers:

- Details of OSHA's 1910 Subpart L (1910.155 through 1910.165)
- Basic precautions for preventing fires and protecting workers
- The right equipment and protective wear for fighting fires
- General requirements for automatic sprinkler systems and fixed fire extinguishing systems
- How to install and maintain fire detection and alarm systems

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