

# Course Title: OSHA Safety Compliance Training

## Course Description:

This comprehensive 3-week course provides intermediate-level training on OSHA safety compliance. It's designed for individuals responsible for ensuring workplace safety and health. Participants will learn to identify, assess, and mitigate workplace hazards and implement effective safety and health management systems. Topics include hazard recognition, risk assessment, and control measures. The course includes practical exercises and assessments. It targets safety managers, supervisors, and responsible employees. Expected outcomes include improved OSHA knowledge, enhanced safety awareness, and the ability to implement safety systems.

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## Learning Objectives:

- Understand OSHA regulations and standards for workplace safety and health.
  - Identify and assess hazards in the workplace, including chemical, physical, and biological hazards.
  - Implement control measures to mitigate hazards and prevent injuries and illnesses.
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## Modules:

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### Module 1: OSHA Regulations and Standards

#### Overview:

Introduction to OSHA regulations and standards, including the Occupational Safety and Health Act, OSHA standards, and enforcement procedures.

**Topic:** OSHA Regulations and Standards Overview

- **Explanation:**  
Covers OSHA regulations, enforcement procedures, the 1970 Act, hazard recognition, hierarchy of controls, and includes examples like fall protection, hazardous materials,

and bloodborne pathogens.

- **Implementation:**  
Steps include hazard assessments, control measures (engineering, administrative, PPE), and employee training.
- **Troubleshooting:**  
Issues include lack of training, poor hazard assessments, and weak controls. Solutions include regular training, audits, and inspections.
- **Exercises:**
  - Conduct a hazard assessment of a workplace.
  - Develop a control measure plan.
- **Assignment:**  
**Title:** Develop a Workplace Safety and Health Plan  
**Description:** Create a plan including hazard assessment, control measures, and employee training.  
**Expected Output:** A complete written safety and health plan.

#### Teaching Resources:

- OSHA Regulations and Standards Manual
- Workplace Safety and Health Management System Guide

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## Module 2: Hazard Recognition and Risk Assessment

### Overview:

Covers types of hazards, hazard recognition techniques, and risk assessment methodologies.

**Topic:** Hazard Recognition and Risk Assessment Overview

- **Explanation:**  
Discusses identifying chemical, physical, and biological hazards and evaluating their risks using established methods.
- **Implementation:**  
Conduct assessments, evaluate hazard likelihood and impact, and apply control

measures using best practices.

- **Troubleshooting:**

Common issues are lack of knowledge and training. Solutions include regular training, hazard assessments, and audits.

- **Exercises:**

- Perform a hazard assessment.
- Evaluate risk and develop control strategies.

- **Assignment:**

**Title:** Develop a Hazard Recognition and Risk Assessment Plan

**Description:** Create a plan including hazard identification, risk evaluation, and control measures.

**Expected Output:** A comprehensive written plan.

#### **Teaching Resources:**

- Hazard Recognition and Risk Assessment Guide
- Workplace Safety and Health Management System Guide

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## **Module 3: Control Measures and Safety Management Systems**

### **Overview:**

Introduction to control measures like engineering, administrative, and PPE, and safety management systems.

### **Topic:** Control Measures and Safety Management Systems Overview

- **Explanation:**

Discusses techniques to reduce workplace hazards and the development of safety policies and procedures.

- **Implementation:**

Involves conducting hazard assessments, applying control measures, and building safety systems using industry best practices.

- **Troubleshooting:**

Challenges include inadequate knowledge, resources, and controls. Solutions are training, audits, and proactive safety planning.

- **Exercises:**

- Plan and implement control measures.
- Develop a complete safety management system.

- **Assignment:**

**Title:** Develop a Control Measures and Safety Management Systems Plan

**Description:** Prepare a document outlining hazard assessments, control strategies, and safety system implementation.

**Expected Output:** A formal written plan.

**Teaching Resources:**

- Control Measures and Safety Management Systems Guide
- Workplace Safety and Health Management System Guide