



## OSHA Regulations-General Industry (OSHT 2401)

**Credit:** 4 semester credit hours (lecture)

**Prerequisite:** Passed the writing portion of TSI or other accepted testing instrument.

### Course Description

A study of Occupational Safety and Health Administration (OSHA) regulations pertinent to general industry.

### Required Textbook and Materials

1. MANCOMM, 29 CFR 1910 OSHA General Industry Regulations, July 2018 Edition
  - a. ISBN number is **9781599599618**
2. One, 2 – 3 inch 3 ring binder with pockets
  - a. Notebook paper for binder
  - b. \*Organization of notebook; contents should include:
    - Cover page with first and last name
    - Title of course
    - Day and time of weekly class meeting
    - Semester (example, “Spring 2018”)
3. Dividers labeled, syllabus, lectures notes, study questions, handouts, exams
4. Calculator. Texas Instruments TI-30XA. *\*Other electronic media may not be used during an exam as your calculator.*
5. USB Flashdrive.

### Course Objectives

Upon completion of this course, the student will be able to:

1. Identify the OSHA regulations which apply to general industry.
2. Demonstrate proficiency in retrieving specific information from Title 29 CFR Part 1910 regulations.

### Course Outline

- A. Welcome to LIT:
  1. Introduction of faculty and students
  2. Expectations
  3. Policies
- B. OSHA

1. OSHA.gov
  2. OSHAct of 1970
  3. The History of OSHA
  4. General Safety & Health Provisions
  5. Value of Safety & Health
  6. Competent Person
- C. Code of Federal Regulations (CFR)
1. Interpretation of CFR's/definitions
  2. Employee/employer rights
  3. Whistleblower Rights
  4. Recordkeeping Basics
  5. How OSHA Conducts Inspections & Citations/Penalties
- D. Subpart D-Walking & Working Surfaces
1. General Requirements/Definitions
  2. Guarding Floor & Wall Openings
  3. Stairs/Ladders
  4. Fall Protection-General Requirements
- E. Subpart E-Exit Routes, Emergency Action Plans
1. Definitions
  2. General Requirements & Safe Work Practices
  3. Emergency Action Plans
- F. Subpart L-Fire Prevention Plans & Fire Protection
1. Fire Prevention Planning
  2. Portable Fire Extinguisher Classification, Maintenance, and Training
- G. Subpart S-Electrical
1. Hazards and Injuries
  2. General Requirements
  3. Wiring Design & Protection
  4. Wiring Methods, Components, and Equipment
  5. Hazard Classification
  6. Methods of Protection
- H. Subpart I-Personal Protective Equipment
1. Common Uses
  2. General Requirements
  3. Eye & Face Protection
  4. Respiratory Protection
  5. Head Protection

6. Foot Protection
7. Hand Protection
- I. Subpart N-Materials Handling & Storage (including 1910.178, Powered Industrial Trucks)
  1. Common Hazards
  2. Storage and Movement of Materials
  3. Multi Piece & Single Piece Rim Wheels
  4. Powered Industrial Trucks-Hazards and Requirements
  5. Overhead and Gantry Cranes
  6. Slings
- J. Subpart Z-HAZCOM (1910.1200)
  1. Purpose of the Standard
  2. Training Requirements
  3. Written Program
  4. Requirements for Labeling
  5. Material Safety Data Sheets
- K. Subpart H-Hazardous Materials
  1. General Requirements
  2. Compressed Gases & Cylinders
  3. Flammable/Combustible Liquids
  4. Process Safety Management of Highly Hazardous Chemicals
- L. Subpart R-Special Industries
  1. Pulp, Paper, & Paperboard Mills
  2. Sawmills
  3. Logging Operations
  4. Grain Handling Facilities
- M. Subpart J-Lockout/Tagout (1910.147)
  1. Definitions
  2. Requirements
  3. Programs and Procedures
- N. Subpart Z-Bloodborne Pathogens (1910.1030)
  1. Definitions
  2. Exposure Control
  3. Personal Protective Equipment
  4. Housekeeping
  5. Regulated Wastes
  6. Training/Communication

7. Hepatitis B Vaccination
- O. Overview of Industrial Hygiene and (Managing Safety & Health Programs) How to Conduct a Safety Meeting
- P. Medical & First Aid
  1. General Guidelines
  2. Medical Services and First Aid
  3. First Aid Kits

## Grading Scale

- A = 90-100  
B = 80-89  
C = 70-79  
D = 60-69  
F = 59-0

## Course Evaluation

- Test 1      25%  
Test 2      25%  
Final        40%  
Notebook   10% *\*Notebooks will be graded the night of the final.*

**\*\*A grade of B or better and perfect attendance is required to receive the OSHA 30-Hour General Industry Standards Certificate.**

## Course Policies

1. No food, drinks, or use of tobacco products in class.
2. Computers, telephones, headphones, and any other electronic devices must be turned off while in class or used only with permission of the instructor.
3. Do not bring children to class.
4. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an 'F' in the course.
5. Additional class policies as defined by the individual course instructor are in the addendum

## Disabilities Statement

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator, at (409) 880-1737 or visit her office located in the Cecil Beeson Building, room 116B.

### **Student Code of Conduct Statement**

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at [www.lit.edu](http://www.lit.edu) or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document change.