

**SYLLABUS -29 CFR Part 1926 OSHA Regulations-Construction
Industry
(OSHT 1305)**



CREDIT

3 semester credit hours (2-hour lecture, 1 hour lab)

MODE OF INSTRUCTION

Face to Face. Thursday 5:30pm – 9:00pm

PREREQUISITE/CO-REQUISITE

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 the construction industry.

COURSE OBJECTIVES

Upon completion of this course the student will be able to develop and manage safety and health programs for multiple industries, and to identify existing and predictable hazards in the working area which are unsanitary, hazardous, or dangerous to employees.

INSTRUCTOR CONTACT INFORMATION

Instructor: Peggy Williams, Certified Safety Professional
Email: pwilliams@lit.edu
Office Phone: 409-201-5124
Office Location: Multi-Purpose Center (MPC) Room 109
Office Hours: Thursday 5:00 – 5:30pm (Appointment Recommended)

REQUIRED TEXTBOOK AND MATERIALS

1. 1926 OSHA Construction Industry Regulations and Standards, (29 CFR Part 1926)
MANCOMM, Inc. SKU: 33B-001-47-PB
ISBN: 9781663802439
2. USB Flash drive

ATTENDANCE POLICY

This is an attendance-based class. Attendance is required for all scheduled lectures and activities. Attendance and participation account for 10% of the overall class grade (as shown in the course evaluation). 3% points will be deducted from your overall grade (up to a maximum of 10%) for each unexcused absence.

An excused absence will only be granted if the student provides a written justification (for example, by email) which is vetted and approved by the instructor (such as a sickness/injury, or job-related requirement). If the student is applying for a job-related excused absence documentation must be provided from their employer, including their supervisor’s contact information. A sick note from a Doctor or hospital is required for long term sickness/injury.

DROP POLICY

If you wish to drop a course, you are 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.

COURSE CALENDAR

DATE	TOPIC	READINGS	ASSIGNMENTS
<u>Week 1</u> 8/29/24	Course Introductions, Syllabus & Policies, and outline of Class Presentation of Selected Topic	Week 1 PowerPoint	
<u>Week 2</u> 9/5/24	General Interpretations	Week 2 PowerPoint Subpart B Interpretation of statutory terms	
<u>Week 3</u> 9/12/24	General Safety and Health Provisions	Week 3 PowerPoint Subpart C and Subpart D Occupational Health and Environmental Controls	
<u>Week 4</u> 9/19/24	OSHA’s Focus Four Hazards: Fall Hazards	Week 4 PowerPoint Subpart M Personal Fall Protection	
<u>Week 5</u> 9/26/24	OSHA’s Focus Four Hazards: Caught-in -Between and Struck –by Hazards	Week 5 PowerPoint	Outline of proposal Safety Report Presentation is Due. The Final Safety Report is due on 11/21/24.
<u>Week 6</u> 10/3/24	EXAM 1 Subpart A – OSHA Policies Subpart B – Interpretations Subpart C and D – Safety Subpart M Personal Fall Protection Struck-By Hazards		EXAM 1 Exam questions will be taken from class lecture material discussed in Week 1-5.

<u>Week 7</u> 10/10/24	OSHA's Focus Four Hazards: Electrical Hazards	Week 7 PowerPoint Subpart K Electrical Hazards	
<u>Week 8</u> 10/17/24	Training requirements and Scaffold specifications, and Duty to Have Fall Protection.	Week 8 PowerPoint Subpart L – Scaffolds (1926.450-454)	
<u>Week 9</u> 10/24/24	Training on Proper Placement and Use of Accident Prevention Signs, Tags, and Signaling	Week 9 PowerPoint Subpart G – Signs, Signals, and Barricades (1926.200)	
<u>Week 10</u> 10/31/24	General Requirements and Duties of employees participating in the confined space permitting process, rescue, and emergency services.	Week 10 PowerPoint Subpart AA – Confined Spaces in Construction (1926.1200)	
<u>Week 11</u> 11/7/24	EXAM 2 Subpart K - Electrical Hazards Subpart L-Scaffolds Subpart G – Signs Subpart AA – Confined Space		EXAM 2 Exam questions will be taken from class lecture material discussed in Week 7-10.
Week 12 11/14/24	Fire Prevention and Ventilation during Gas Welding and Arc Cutting,	Week 12 PowerPoint Subpart J - Welding and Cutting and Subpart Z - Toxic Substances	
Week 13 11/21/24	Scope, application, and definitions applicable to Excavation Protection Systems.	Week 13 PowerPoint Subpart P – Excavations and Subpart CC - Cranes and Derricks	Final Day for Safety Presentations, or OSHA 10-hour Course
Week 14 11/28/24	THANKSGIVING HOLIDAY		THANKSGIVING HOLIDAY
Week 15 12/5/24	FINAL EXAM – Comprehensive		COMPREHENSIVE FINAL EXAM Exam questions will be taken from class lecture materials discussed in Week 1-13.

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- | | |
|--|------------|
| 1. Class Attendance and Participation | 10% |
| 2. Two Class Exams (2 X 25%) | 50% |
| 3. Class Presentation of Selected Safety Topic or
Completion of OSHA 10-hour Construction Certificate | 10% |
| 4. Final Exam | 30% |

GRADING SCALE

A = 90-100

B = 80-89

C = 70-79

D = 60-69

F = Less than 60

Safety Presentations will be graded when received

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or Wi-Fi is necessary to maximize the use of online technology and resources.

DISABILITY STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at Special Populations - Lamar Institute of Technology (lit.edu).

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination status that provides 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 reasonable accommodations for their disabilities. If you believe you have a disability requiring accommodation, please contact the Special Populations Coordinator, at (409) 880-1737 or visit her office located in the Cecil Beeson Building, room 116B.

STUDENT COD 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. Please note that the online version of the LIT Catalog and Student Handbook supersedes all other versions of the same document.

ARTIFICIAL INTELLIGENCE STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.