

Fall 2023

EM 633-101: A Comprehensive Study of Occupational Safety

Prakash Kothari

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NEW JERSEY INSTITUTE OF TECHNOLOGY

Fall 2023 - EM 633 – Legal Aspects of Health & Safety

Instructor: Prakash Kothari, MS, CIH, CSP

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Text Book: OSHA Inspections – Preparation and Response, Rick Kaletsky, National Safety Council

Room: Mechanical Engineering Bldg 224

Course Description:

A comprehensive study of the Occupational Safety and Health (OSH) Act and the authority of the Occupational Safety and Health Administration (OSHA). Review of employer's legal responsibilities and proactive measures to ensure compliance with OSHA's General Duty Clause.

Learning Objectives:

- Practice work-related functions that are within the legal framework for assuring safe and healthful workplaces in the U.S.
- Process of the rulemaking, enforcement, and adjudication in the occupational health and safety regulatory system.
- Illustrate the relationship of the Occupational Safety and Health Act with other Laws, Workers Compensation, common law remedy, EPA, etc.
- Discuss the duty to comply, the general duty clause, and employee and employer rights associated with each.
- OSHA regulations impacting various industries
- Describe the need for self-audits and inspections and discuss the ramifications of each.
- Identify how an employer can contest a citation and a penalty associated with an OSHA finding. Discuss the enforcement of criminal violations and the judicial review process of said violations. Appraise and explain the need for imminent danger inspections.

Course Outline:

Sept 05 – Introduction to course - Overview, OSHA Inspections, Training Obligations

Sept 12 – Right to Know – Hazard Communication

Sept 19- Workman's Compensation, Accident Investigation,

Sept. 26 – Fire Prevention/Inspection – NFPA
Oct 3 – OSHA Recordkeeping standard - 29CFR1904
Oct 10 – OSHA regulation on Power Generation, Transmission and Distribution
29CFR1910.269

Oct 18– MID TERM EXAM

Oct 24 – Asbestos Compliance
Oct 31 – Class Presentations, Radiation Compliance
Nov 07– Class Presentations, OSHA Lockout Tagout
Nov 14 – Class Presentations, OSHA Bloodborne Pathogens– Term Papers Due
Nov 21 – Class Presentations, OSHA - Noise, Hearing Conservation
Nov 28 – Class Presentations, OSHA - Hand and Power Tools
Dec 05 – Liability/Ethics/Legal issues for the Safety Professional, Review for

Final Exam

Dec 12 – Final Exam

**Grading Percentages: Presentation – 20 %, Term Paper: 10%, Mid Term – 20 %, Final Exam – 40%
Attendance - 10%**

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<http://www5.njit.edu/policies/sites/policies/files/academic-integrity-code.pdf>.

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