Las Positas College
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Course Outline for OSH 67

COMP REGULATORY REQUIREMENTS

Effective: Fall

I. CATALOG DESCRIPTION:
OSH 67 — COMP REGULATORY REQUIREMENTS — 3.00 units

State and federal Occupational Safety and Health Acts, awareness of life safety, fire safety and building codes and standards, Workers' Compensation laws, and other regulations as they relate to occupational safety and health. Includes human factors in accident causation, behavioral stereotypes, human engineering, and man-machine trades and functional significance.

3.00 Units Lecture

Grading Methods:
Letter Grade

Discipline:

	MIN
Lecture Hours:	54.00
Total Hours:	54.00

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

IV. MEASURABLE OBJECTIVES:

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

1. develop awareness of the mutual responsibilities of the employer and the employee under the California Occupation Safety and Health Act;
2. develop awareness of code regulations, including life safety, fire safety and building codes; the workings of regulatory agencies, and how these may affect his/her job;
3. determine where to get more information on regulations, aiding in efforts toward regulatory compliance;
4. gain an overview of current regulations and regulatory trends;
5. explain the role of human factors in safety and accident prevention;
6. describe the role of behavioral stereotypes and habit patterns as they relate to accident causation and prevention;
7. learn the importance of man-machine trades and functional significance in designing for safety.

V. CONTENT:

A. Theories of accident causation and misuse analysis
    1. Applicability to worker and the public safety
B. Behavioral stereotypes and human engineering
    1. Application to accident prevention and safety program
C. Man-machine trades and functional significance
    1. Worker training
    2. Safe work practice
D. Introduction and history of safety codes and standards
    1. Worker's Compensation
    2. Life safety and fire protection
    3. Loss history
E. Regulatory overview of fire, life safety and labor codes
    1. Identify applicable codes and standards
    2. Process for the development of statutes, regulations, and national standards
    3. Relationship of codes and standards for occupational safety and health
F. Life safety, fire safety and building codes and standards
G. California Labor Code
H. The California Occupational Safety and Health Act
I. Federal regulatory bodies and their occupational influence
    1. OSHA
J. Federal Occupational Safety and Health Act of 1970
K. Occupational Safety and Health Standards
L. Recordkeeping requirements under state and federal law
    1. Loss time injury

2. Loss time days
3. Accident frequency

M. General review of state and federal safety regulations

VI. METHODS OF INSTRUCTION:

A. **Lecture** - classroom demonstrations and group discussion
B. Group problem solving and interpreting data
C. Student presentations and projects
D. Video and overhead presentations

VII. TYPICAL ASSIGNMENTS:

A. Read an accident case history and discuss and evaluate applicable human factors and applicable or non-applicable codes and standards. B. Determine and identify causal factors in a propane tank fire. C. Analyze case study of accident involving transportation of hazardous chemicals resulting in injury of driver. Determine which occupational safety and health code(s) has been violated and determine a more proper course of action.

VIII. EVALUATION:

A. **Methods**

1. Exams/Tests
2. Class Participation

B. **Frequency**

IX. TYPICAL TEXTS:

1. Mainly handouts

X. OTHER MATERIALS REQUIRED OF STUDENTS: