

SOUTHWESTERN COLLEGE

COURSE OUTLINE

Division: **Health & Public Services**

Origination Date: **9/98**

Modification Date:

Effective Date: **Fall 1999**

Course Designator and Number	Title	Units	Lec	Lab.
EHMT 260	Occupational Safety	3	3	

Same as (other course(s) designator(s), _____ ,

Grading Basis: **Grading Scale; Credit/No Credit option available**

Prerequisite:

Corequisite:

Recommended Preparation: **EHMT 100 & 130**

Course Description & Scope: (50 words or less)

This course covers the laws and regulations pertaining to industrial occupational safety, the history of occupational safety leading to current legislation, and the development of the Occupational Safety and Health Administration (OSHA). Students will gain a working knowledge of Worker's Compensation compensation and benefits laws, coupled with personal factors in safety, product safety and liability, and monitoring hazards in the workplace. [CSU]

Measurable Course Objectives and Minimum Standards, as Determined by Standards set by the instructor, at 70% Proficiency for a Grade of "C":

1. Student will **describe the roles and responsibilities of the occupational safety professional, and will apply these ideas in classroom discussion and written assessments.**
2. Student will, **through written assessments, identify the statutes and regulations, which relate to employee and public safety.**
3. Student will , **through classroom discussion and written assessments, demonstrate the scope of understanding of the laws and regulations, the application of the laws and regulations, and the liabilities and penalties contained in the laws and regulations.**
4. Student will **relate through written assessments how regulatory agencies and other authorities provide program guidelines for safety.**

5. Student will, through written assessments, distinguish between regulations and recommendations from various safety organizations.
6. Student will, through classroom activity and written assessments, recognize chemical agents and airborne materials, explain how they affect humans, and assess the degree of hazard.
7. Student will explain the concepts of workers' compensation and workers' benefits.
8. Student will, through classroom discussion and written assessments, explain the problems involved in recognizing, evaluating, and controlling workplace hazards; identify the importance, requirements, and institution of motivation for safe behavior.
9. Student will, through written assessment, demonstrate a working knowledge of workers' compensation and benefits laws; describe personal factors in safety, product safety and liability; and will explain the details of monitoring hazards in the workplace and the subsequent documentation of inspections.

Core Content to be Covered in all Sections:

1. Approximate 6 % of course
Introduction
Accidents, incidents, and near misses
- Safety pyramid
2. Approximate 11 % of course
Safety legislation
- Ancient codes/laws
- Occupational Safety and Health Administration (OSHA)
- Related federal regulations
- Agencies created by OSHA
3. Approximate 16 % of course
Cal OSHA
- Historical review
- California Plan
- Cal OSHA Appeals Board
- Cal OSHA Standards Board
- Occupational Injury & Illness Program
- Consultation service
- Hazardous Substance Information & Training Act
- Federal OSHA Hazard Communication Standard
- Hearing Conservation Act

4. Approximate 11 % of course
Occupational Health
 - Introduction
 - New chemicals
 - Chemical agents
 - How chemicals affect the body
 - *Routes of entry
 - *Personal Protection Equipment (PPE)
 - Pharmacological classifications of airborne materials
 - Degree of hazard

5. Approximate 5 % of course
Workers' Compensation
 - Introduction
 - Compensation laws
 - Application/Procedures

6. Approximate 5 % of course
Workers' Benefits
 - Introduction
 - Guidelines/Regulations
 - Application/Procedures

7. Approximate 6 % of course
Motivation for Safe Behavior
 - Introduction
 - Operation/Function
 - Supplying incentives
 - Requirements for successful motivation
 - Application to industrial setting

8. Approximate 17 % of course
Personal Safety & Liability
 - Introduction
 - National Commission on Product Safety
 - Development of product liability
 - Insurance ramifications to manufacturer
 - Negligence
 - Manufacturer's defense
 - Elements of a safety assurance program

9. Approximate 12 % of course
Monitoring the Workplace for Hazard
 - Definition
 - Types of inspections
 - Inspection procedures
 - Preparing for inspection
 - Documentation

10. Approximate % of course: Supplemental

NOTE: For Specific Details, see Instructor's Syllabus.

Method of evaluation to determine if objectives have been met by students:
(Check all that apply)

Exams:

Essay	<input type="checkbox"/>	Class Activity	<input checked="" type="checkbox"/>	Written Assignments	<input type="checkbox"/>
Problem Solving Exercise	<input type="checkbox"/>	Skill Demonstration	<input type="checkbox"/>	Lab Activity	<input type="checkbox"/>
Objective Test	<input checked="" type="checkbox"/>	Oral Assignments	<input type="checkbox"/>	Quizzes	<input type="checkbox"/>

Other

Instructional Methodology: (Check all that apply)

Lecture	<input checked="" type="checkbox"/>	Demonstration	<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>
Audiovisual	<input checked="" type="checkbox"/>	Individual Assistance	<input checked="" type="checkbox"/>	Group Activity	<input checked="" type="checkbox"/>
Computer Assisted Instruction	<input type="checkbox"/>				

Requires a minimum of three (3) hours of work per unit, including class time

Required and Major Optional Reading(s), Including Textbook(s) and Software: (Author-last name, first name. Title. Location: Publisher, Year)

Occupational Health & Safety. National Safety Council, Latest Edition.