

# CM 280: SAFETY PROGRAM MANAGEMENT

## Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2021
Credits:	3
Total Contact Hours:	54
Lecture Hours :	54
Lab Hours:	0
Hours Arranged:	0
Outside of Class Hours:	108
Prerequisite:	CM 210.
Transferable to CSU:	Yes
Transferable to UC:	No
Grading Method:	Standard Letter, Pass/No Pass

## Catalog Course Description

An overview of the planning, development, implementation and management of a comprehensive safety program. Topics covered include construction safety principles, methodologies, and best management practices. Emphasis is on the roles that construction managers, superintendents, forepersons, crew chiefs and other construction supervisors, who are charged with responsibilities to maintain safe worksite conditions, and the duties they fulfill in supporting an effective safety program. Successful completion of this course prepares qualified students to pursue certification as a Safety Trained Supervisor - Construction (STSC) by the Board of Certified Safety Professionals. 54 lecture hours.

## Course Objectives

- Understand the fundamental principles of construction safety.
- Explain the history of California Occupational Safety and Health Standards and its revisions throughout the years.
- Examine the attributes of a successful safety system implementation.
- Understand the responsibilities of employer management and supervisory personnel.
- Demonstrate ability to readily reference pertinent and appropriate California Occupational Safety and Health Administration (CAL-OSHA) regulations.
- Examine the legal aspects of safety and health administration.
- Application of safety management methods and best industry practices.
- Demonstrate competency in the preparation of a Job Hazard Analysis (JHA).
- Understand the principles of risk management as it pertains to construction safety.
- Effective and appropriate Safety Record-Keeping.

## Major Course Content

1. Introduction
2. Purpose of CAL/OSHA

3. Authority of Division of Industrial Safety
4. Safety and Health Responsibilities of Employer and Employee
5. Construction Safety Principles, Methodologies, and Best Practices.
6. Prejob and Pretask Planning
7. Job/Activity Hazard Analysis
8. Safety Management Systems and technology
9. Site Specific Safety and Health and Injury & illness Prevention Plan (IIPP)
10. IIPP Development & Implementation
11. Conducting Safety Inspections
12. Safety Risk Management
13. Incident investigation
14. Incident Response and Management
15. Safety Records
16. Legal Aspects of Safety and Health
17. Ethics in Safety

## Suggested Reading Other Than Required Textbook

Case Studies and/or safety related articles assigned by instructor.

## Examples of Required Writing Assignments

Group Project Assignment: Develop a site-specific Injury Illness and Prevention Plan

## Examples of Outside Assignments

Conduct mock site Inspections and prepare a pre-activity Job Hazard Analysis at a Campus location assigned by Instructor

## Instruction Type(s)

Lecture, Online Education Lecture