

Course Outline
OSHT 226
Safety and Health Management Analysis
Credit Hours: 3

The Community College of Baltimore County

Description

Safety and Health Management Analysis

Teaches loss control methods, procedures and programs. Includes study of accident analysis, risk analysis, operational safety analysis, job safety analysis, training techniques, and workers' compensation as well as the economic effects of accidents. Introduces use of computers in accident case studies.

Learning Objectives

- Students will understand the fundamental techniques of using analysis in accident prevention and loss control.
- Students will understand the various cultures found in organizations and how to effectively plan and organize a safety and health program suitable for a particular organizational culture.
- Students will understand how decisions regarding safety and health programs are made.
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Performance Objectives

- Students will be able to measure and evaluate accident prevention performance and compare performance against national performance.
- Students will be able to design systems for tracking and monitoring safety and health performance.
- Students will be able to develop basic occupational safety and health training programs.
- Students will be able to design and implement safety promotional programs.
- Students will be able to obtain and use resources available from various insurance providers in the control and prevention of occupational accidents.
- Students will be able to make decisions regarding management of workers' compensation and effectively communicate on worker's compensation issues.
- Students will be able to write basic safety and health manuals and work rules.
- Students will be able to perform accident analysis using computer applications.
- Students will be able to observe and analyze at-risk behaviors and recommend appropriate control measures to prevent occupational injuries.

Major Topics

- Principles of accident prevention
- Twelve-point safety program
- The modern safety organization and levels of responsibility.
- The theory of risk analysis and accident causative factors.
- The use of operational safety analysis, in lay terms when considering counter actions to prevent accidents.
- Employee training methods
- The use of company safety manuals and work rules
- Designing a safety and health training program
- Accident analysis with computer applications
- Practical computer applications in safety.
- Workers' compensation

Course Requirements

- One mid-term exam
- One final exam
- One accident analysis report
- One project report
- One oral presentation and formal lesson plan

Other Course Information

This course is required for the A.A.S. degree in occupational safety and health and required for the certificate program.