

# ISC-112 Industrial Safety

## **COURSE DESCRIPTION:**

Prerequisites: None

Corequisites: None

This course introduces the principles of industrial safety. Emphasis is placed on industrial safety and OSHA regulations. Upon completion, students should be able to demonstrate knowledge of a safe working environment and OSHA compliance.

## **LEARNING OUTCOMES:**

Upon completing requirements for this course, the student will be able to:

1. Apply laws and regulations relevant to industrial safety.
2. Demonstrate proper use of personal protective equipment.
3. Apply techniques of safe materials handling.
4. Understand principles of electrical safety in the industrial environment.

## **OUTLINE OF INSTRUCTION:**

1. Introduction to Safety
2. Safety Laws
3. Personal Protective Equipment
4. Chemical Safety
5. Tool Safety
6. Safe Materials Handling
7. Machine Safety
8. Electrical Safety
9. Electrical Protection
10. Fire Protection
11. Health Protection
12. Safe Work Practices

## **REQUIRED TEXTBOOK AND MATERIAL:**

The textbook and other instructional material will be determined by the instructor.