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.