

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. RNEW

COURSE NUMBER: 1107

NUMBER OF CREDITS: 2

Lecture: 2 Lab: 0 OJT 0

Course Title:

Industrial Safety

Catalog Description:

Industrial Safety introduces workplace safety concepts as they are related to federal and state agencies and regulations. Topics covered in the course include recognition and identification of safety issues, governing agencies and industry organizations, and details about voluntary standards

Prerequisites or Necessary Entry Skills/Knowledge:

None

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- Goal 1: Communication: By meeting the following competencies:
- Goal 2: Critical Thinking: By meeting the following competencies:
- Goal 3: Natural Sciences: By meeting the following competencies:
- Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- Goal 7: Human Diversity: By meeting the following competencies:
- Goal 8: Global Perspective: By meeting the following competencies:
- Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered

Types of hazards and their effects

Recognizing chemical hazards

Recognizing biological hazards

Equipment and energy hazards

Fire and explosion hazards

Pressure, temperature and radiation hazards

Working area hazards

Engineering controls as they relate to workplace safety

Administrative controls as they relate to workplace safety

Permitting systems
Personal protective equipment and first aid

Student Learning Outcomes
Identify the common safety issues that are associated with workplace safety.
Discuss the importance of practicing safe work habits.
Identify good housekeeping practices that promote workplace safety.
Identify safety concerns associated with proper use of tools, ladders, and energy sources
Identify ergonomic hazards.
Describe environmental hazards.

Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> *If yes, please list the competencies below

Revised Date: 1/1/2022