

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. ELEC

COURSE NUMBER: 1230

NUMBER OF CREDITS: 1

Lecture: 1 Lab: 0 OJT 0

Course Title:
Safety Principles and OSHA

Catalog Description:
Safety Principles and OSHA describe the various safety and laboratory practices that are common to the electrical trade and present information on how to avoid unsafe practices.

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
Identify OSHA requirements for the industry
Discuss the OSHA act of 1970
Identify the rules of OSHA

Student Learning Outcomes
Identify a safety protection
Identify hardhat safety protection
Identify ladder & scaffold safety
Identify material handling

Identify personal safety
Identify hand tools and power tools safety
Identify safe lifting technique practices
Explain general safety rules of OSHA
Identify electrical hazards
Understand and practice fire safety
Discuss other safety rules under OSHA

Is this course part of a transfer pathway: Yes ☐ No ☒

*If yes, please list the competencies below

Revised Date: 1/1/2022