

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

**DEPT. DSL**

**COURSE NUMBER: 1115**

**NUMBER OF CREDITS: 2**

**Lecture: 0 Lab: 2 OJT 0**

<b>Course Title:</b>
Electrical Lab

<b>Catalog Description:</b>
Electrical Lab Requires the students to disassemble, inspect, evaluate, repair and test electrical systems and components.

<b>Prerequisites or Necessary Entry Skills/Knowledge:</b>
None

### FULFILLS MN TRANSFER CURRICULUM AREA(S)

- ☐ 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:

<b>Topics to be Covered</b>
Electrical systems
Electrical components

<b>Student Learning Outcomes</b>
Disassemble electrical systems and components.
Inspect electrical systems and components.
Evaluate electrical systems and components.
Repair test electrical systems and components.
Test electrical systems and components.

<b>Is this course part of a transfer pathway: Yes</b> <input type="checkbox"/> <b>No</b> <input checked="" type="checkbox"/>

Revised Date: August, 2021