**Course Title:** Electrical Lab

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

**Prerequisites or Necessary Entry Skills/Knowledge:**
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:

**Topics to be Covered**
- Electrical systems
- Electrical components

**Student Learning Outcomes**
- 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.

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

Revised Date: August, 2021