A. Course Description

- Credits: 2.00
- Lecture Hours/Week: 0.00
- Lab Hours/Week: 2.00
- OJT Hours/Week: 0
- Prerequisites: None
- Corequisites: None
- MnTC Goals: None

Students study then practice Arc and MIG welding procedures used in the heavy equipment industry. Welding training with also be taught with oxygen acetylene, plasma cutting and Carbon air arc procedures. General theory and safety will also be included in all areas.

B. Course Effective Dates: 3/22/98 – Present

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Demonstrate welding safety procedures.
2. Identify gas cylinders and types.
3. Identify welding electrode types and welding wire.
4. Practice metal cutting procedures using multiple types of metal cutting equipment.
5. Practice welding procedures. Producing multiple weld joints.
6. Preform weld joints using multiple types of welding equipment.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment

As noted on course syllabus

G. Special Information

None noted