

Minnesota State College Southeast

WELD 1443: Welding Fabrication Project

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: *.*

Lab Hours/Week: 6

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is an elective course for the Welding program. The student will complete a personal or class welding fabrication project. All projects must be approved by the instructor and will be supervised from concept on through completion of the project. The student will demonstrate proper welding techniques and fabrication concepts while working on the project. The student will be liable for all the expenses for any personal project that they complete. (Prerequisites: HLTH1515, MATH0520, WELD1420, WELD1430, this course may be taken concurrently with WELD1425 and WELD1435) (3 credits: 0 lecture/3 lab)

B. COURSE EFFECTIVE DATES: 04/07/2008 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Demonstrate safe practices and a safety conscience attitude
2. Demonstrate and apply proper set-up, start-up, and shut-down procedures
3. Identify proper welding applications
4. Demonstrate proper welding techniques
5. Participate in small welding projects assigned by the instructor. Some projects may be for outside customers or other programs in the college.
6. Participate in class welding projects as assigned by the instructor. Some projects may be for outside customers or other programs in the college.
7. Participate in your own small personal fabrication project that has been approved by the instructor
8. Demonstrate readiness to take a Welding Certification Test as to AWS D1.1 Standards

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted