

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title:	Assigned Projects	Submitted By:	T. Baldwin
Semester Course Prefix and Number:	Weld1251	Approval Date:	Oct 2013
Old Quarter Course Prefix and Number:		Revision Date:	Oct 2013

Number of Credits: 1	Number of Lecture Credits: 0	
Semester(s) Offered: Fall	Number of Lab Credits: 1	Number of Lab Hours: 2
Class Size: 24	Number of Studio/Demonstration/Internship Credits:	
Negotiated by AASC on: (date)		

Course Purpose Code:

- 0 – Developmental Courses
- 1 – Non-transferable
- 2 – Technical course related to career programs
- 3 – College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
- 4 – Other college course not considered a part of MNTC (e.g. computer science, health, physical education)

- 5 – Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements or intended for transfer.
- 9 – Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:

This course covers the knowledge and skills to complete a typical job order as required by industry. The student will be assigned a project that expands upon the competencies learned in Weld 1221, Weld 1231, Weld 1261, Weld 1271, Weld 1281, depending on applicability.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s): Concurrent enrollment in or previous successful completion (GPA 2.0) of courses pertinent to the welding process(Weld 1221, Weld 1231, Weld 1261, Weld 1271, Weld 1281) to be used to complete the project.

Reading Prerequisite:

Composition Prerequisite:

Mathematics Prerequisite:

Career Programs and Transfer Majors Accessing this Course:

Welding, Welding Engineering, any trades/technical area utilizing welding

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable:

(Notes: No more than two goals may be met by any one course. Curriculum Committee review and the Chief Academic Officer's approval are required.)

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| 0. <input checked="" type="checkbox"/> None | 6. <input type="checkbox"/> The Humanities and Fine Arts |
| 1. <input type="checkbox"/> Communications | 7. <input type="checkbox"/> Human Diversity |
| 2. <input type="checkbox"/> Critical Thinking | 8. <input type="checkbox"/> Global Perspectives |
| 3. <input type="checkbox"/> Natural Sciences | 9. <input type="checkbox"/> Ethical and Civic Responsibility |
| 4. <input type="checkbox"/> Mathematical/Logical Reasoning | 10. <input type="checkbox"/> People and the Environment |
| 5. <input type="checkbox"/> History and the Social and Behavioral Sciences | |

Learning Outcomes: (including any relevant competencies listed in the Minnesota Transfer Curriculum)

Upon completion of this course, the student will be able to:

- Successfully complete assigned projects in a manner consistent with a job order
- Create a materials list, including current costs for materials
- Compose a pre-construction paper of the proposed project
- Compose a post-construction paper or create an eFolio record of the project
- Exhibit professionalism in the course of their work

Student Assessment Methods:

Observation of practical skills; Visual Testing to applicable codes; portfolio

Use of Instructional Technology: (includes software, interactive video and other instructional technologies):

May use any of the following: videos, blueprints, internet

Additional Special Information: (special fees, directives on hazardous materials, etc.)

Fees may be attached for materials

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Affiliated Mesabi Range College Courses and Programs:

Approvals:

Body	Representative Signatures	Date
Faculty Association		
Academic Affairs Standards Committee		
Chief Academic Officer		

Distribution: Original – Instructional Services
Copies: Transfer Specialist, Originating Faculty Member, Records
Revised: December 2012