

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: Principles for Bricklaying
Semester Course Prefix and Number: MASN 1233
Old Quarter Course Prefix and Number:

Submitted By:
Approval Date:
Revision Date:

Number of Credits: 6
Semester(s) Offered: 1
Class Size:
Negotiated by AASC on: (date)
Number of Lecture Credits: 1
Number of Lab Credits: 5
Number of Studio/Demonstration/Internship Credits:

Course Purpose Code:

- 0 - Developmental Courses
1 - Non-transferable, General Education
X 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 general education (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:

Students will be introduced to the principles of brick laying. They will learn brick layout, brick types, mortar recipes, window and door placement in masonry construction, reinforcement, anchor systems and header systems. Students will learn the types and uses of tools in the bricklaying trade.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s):
Reading Prerequisite:
Composition Prerequisite:
Mathematics Prerequisite:

Career Programs and Transfer Majors Accessing this Course:

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.)

- 0. X None
1. Communications
2. Critical Thinking
3. Natural Sciences
4. Mathematical/Logical Reasoning
5. History and the Social and Behavioral Sciences
6. The Humanities and Fine Arts
7. Human Diversity
8. Global Perspectives
9. Ethical and Civic Responsibility
10. People and the Environment

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

Student will learn brick types, brick layout, mortar recipes, window and door placement in masonry construction, brick reinforcement, anchor and header systems, the types and uses of tools in the bricklaying trade, and safety issues involved in bricklaying.

Student Assessment Methods:

Performance objectives and exams will be translated to points; and the points translated to grades.

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

Student hand written notes, hand outs
Richard T. Kreh, Sr. – Masonry Skills – Fifth addition

Outline or Statement of Major Course Content:

The student will be primarily working hands-on placing, positioning, and mortaring bricks to meet specific situations used in the bricklaying trade.

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

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

Approvals:

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

Distribution: Original – Administrative Office

Copies: Curriculum Committee Chair, AASC Chair, Transfer Specialist, Originating Faculty Member, Scheduler, Records, Student Services, Learning Center, Library

Revised: October 2006