

MESABI RANGE COMMUNITY & TECHNICAL COLLEGE

Course Outline

Course Title: Scaffolding, Ladders & Power Tools
Semester Course Prefix and Number: CARP 2257
Old Quarter Course Prefix and Number: CARP 2510,2520

Submitted by:
Approval Date:
Revision Date:

Number of Credits: 1
Semester(s) Offered:
Class Size:
Negotiated by AASC on:
(date)

Number of Lecture Credits: 0
Number of Lab Credits: 1 **Number of Lab Hours:**
Number of Studio/Demonstration/Internship Credits:

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 will introduce students to residential and commercial scaffolding and ladders. Students will be able to erect and use safely scaffolding and ladders. It will also enable students to use skills developed in the lab and apply them to construction on the jobsite.

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.)

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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:

- Erect scaffolding and ladders safely.
- Use portable and stationary power tools safely and proficiently.

- Use scaffolding, ladders, and power tools to build a house.

Student Assessment Methods:

- Class participation
- Attendance
- Group work
- Laboratory observation
- Locally developed exams
- Workbook questions
- Final Exam

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

- An actual blueprint of the house project
- The actual building of the house project

A one paragraph summary or outline of the major course content:

This course focuses on the use and safety of scaffolding, ladders, and tools needed to construct an actual house project. Students will use tool safety, ladders, and scaffolding through all phases of the onsite construction.

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

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

Course Outline Revision History:

Approvals:

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

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