Course Title: Principles of Carpentry I-A - Lab
Semester Course Prefix and Number: CARP 1241
Old Quarter Course Prefix and Number: 
Submitted By: Leo Lukas
Approval Date: 
Revision Date: 4/9/2018
Number of Credits: 4
Number of Lecture Credits: 
Number of Lab Credits: 4
Number of Lab Hours: 8
Class Size: 24
Number of Studio/Demonstration/Internship Credits: 
Negotiated by AASC on: 
(date)

Course Purpose Code:
_____ 0 – Developmental Courses
_____ 1 – Non-transferable
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 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 lab portion of preparation of a job site for the construction of a building and teaches the fundamentals of carpentry.

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:
(Note: No more than two goals may be met by any one course. AASC 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)

Upon completion of this course, the student will be able to:
- Implement OSHA Safety Standards and methods
- Safely use scaffolding and ladders
- Calculate lumber sizes and identify lumber and plywood grades according to industry standards
- Layout, build, and install floor, wall and roof framing
- Demonstrate the correct installation and selection of roofing material for various slopes and conditions

Student Assessment Methods: May include:
- Tests
- Quizzes
- Final performance test
- Participation

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

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

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

Affiliated Mesabi Range College Courses and Programs:

Approvals:

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