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CSTN 122.B01: Beginning Carpentry Lab

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COURSE SYLLABUS

**Missoula College University of Montana
Department of Industrial Technology
Carpentry Program**

COURSE NUMBERS AND TITLES: CSTN 120 (Carpentry Basic and Rough Framing)
CSTN 122 (Beginning Carpentry Lab)

SEMESTER CREDITS: 5

PREREQUISITES: None

FACULTY: Jim Schafer

Email: james.schafer@mso.umt.edu

PHONE: (406) 243-7639 (office)

(406) 396-7087 (cell)

OFFICE: West Campus, adjacent to Main Office

OFFICE HOURS: By appointment

TEXT: *CARPENTRY* (Sixth edition) by Floyd Vogt; various handouts

RELATIONSHIP TO PROGRAM(S): This course is in the first semester of the one-year Certificate of Applied Science or the two-year Associate of Applied Science degree in the Carpentry Program.

COURSE DESCRIPTION: Introduction to the carpentry trade, including history, career opportunities and requirements. The course covers building materials, fasteners, adhesives, hand and power tools. OSHA rules and regulations for a safe work place and procedures for compliance are covered. This course includes a two-credit imbedded lab in which students will participate in the construction of a house or other type of building.

COURSE OUTLINE:

- 1) Trade orientation
- 2) Construction safety and health
- 3) Hand and power tools of the trade
- 4) Building materials, fasteners and adhesives
- 5) Floor systems
- 6) Wall and ceiling framing
- 7) Roof framing
- 8) Windows and exterior doors

STUDENT PERFORMANCE OUTCOMES: (Occupational Performance Objectives)

Upon completion of this course, the student will demonstrate:

- 1) Evidence of a thorough understanding of the history, career opportunities and responsibilities of a carpenter.
- 2) Evidence of a thorough understanding of building materials, fasteners and adhesives.
- 3) Competency in the safe handling of hand and power tools used in the carpentry industry.
- 4) Evidence of a thorough understanding of floor framing layout and construction.
- 5) Evidence of a thorough understanding of wall and ceiling layout and construction.
- 6) Evidence of a thorough understanding of basic roof layout and construction.
- 7) Evidence of a thorough understanding of window and door installation.

GRADING PROCEDURES:

Grading Scale:

90%-100%: A
80%-89%: B
70%-79%: C
60%-69%: D
Below 60%: F

Grade Breakdown:

Lecture: Tests—80%
Participation—10%
Attendance—10%
Lab: Performance—80%
-tool handling
-participation
-workmanship

NOTE: Courses must be passed with a C minus (C-) or greater to count toward degree/certificate requirements.

ACADEMIC INTEGRITY: All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student conduct Code. The code is available for review online at: <http://www.umt.edu/SA/VPSA/index.cfm/page/1321>.

DISABILITY ACCOMMODATION: Eligible students with disabilities will receive appropriate accommodations in this course when requested in a timely way. Please contact me after class or in my office. Please be prepared to provide a letter from your DSS Coordinator. For more information, visit the Disability Services website at <http://www.umt.edu/dss/> or call (406) 243-2243 (Voice/Text).

REQUIRED SUPPLEMENTAL MATERIAL:

- Hard-cover 3-ring binder
- Safety glasses and hearing protection
- Construction calculator