

University of Montana

## ScholarWorks at University of Montana

---

University of Montana Course Syllabi

Open Educational Resources (OER)

---

Fall 9-1-2020

### CSTN 120.B01: Carpentry Basics and Rough Framing

James M. Schafer

*University of Montana, Missoula*, [james.schafer@mso.umt.edu](mailto:james.schafer@mso.umt.edu)

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

**Let us know how access to this document benefits you.**

---

#### Recommended Citation

Schafer, James M., "CSTN 120.B01: Carpentry Basics and Rough Framing" (2020). *University of Montana Course Syllabi*. 11444.

<https://scholarworks.umt.edu/syllabi/11444>

This Syllabus is brought to you for free and open access by the Open Educational Resources (OER) at ScholarWorks at University of Montana. It has been accepted for inclusion in University of Montana Course Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact [scholarworks@mso.umt.edu](mailto:scholarworks@mso.umt.edu).

## **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 PROOCEDURES:**

##### **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.umn.edu/SA/VP/SA/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.umn.edu/dss/> or call (406) 243-2243 (Voice/Text).

#### **REQUIRED SUPPLEMENTAL MATERIAL:**

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