



MASTER COURSE OUTLINE

A. CARP 1125 Wall and Floor Framing/Sheeting and Building Layout

B. COURSE DESCRIPTION:

This course introduces basic principles of residential framing. The student studies types of residential framing: floor and walls. This course is part of the Carpentry program which is accredited by the Home Builders Institute (HBI) and the National Association of Home Builders (NAHB). Prerequisites: CARP 1110.

(4 Credits – 1 lecture, 3 lab)

C. **Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- Basic building layout of and proper work site procedures for residential construction
- Residential wood floor and wall framing methods, tools, and materials
- Safety methods used in framing

E. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
<u>**Critical Thinking</u>	gather factual information and apply it to a given problem in a manner that is relevant, clear, comprehensive, and conscious of possible bias in the information selected.	<ol style="list-style-type: none"> 1. explain the proper work site procedures of residential construction. 2. research types and methods of installing sub flooring in residential construction.
<u>CS</u>	create safe work area.	<ol style="list-style-type: none"> 1. perform job site clean-up. 2. use proper safety equipment and procedures. 3. identify tools and equipment that need repair or removal from service.
<u>CS</u>	cut and assemble floor and walls to specifications.	<ol style="list-style-type: none"> 1. identify floor and wall framing components. 2. layout floor and wall framing within specifications. 3. cut and assemble wall components to drawing specifications. 4. create a 90 degree corner using 6-8-10 method. 5. plumb and square walls. 6. check for squareness using the diagonal method 7. identify defects in dimensional lumber used in framing.

F. SPECIAL INFORMATION:

This course may require use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact the instructor or the Student Success Center at the beginning of the semester. This information will be made available in alternative format, such as Braille, large print, or current media, upon request.

G. COURSE CODING INFORMATION: Course Code S/Class Maximum 28; Letter Grade

Revision date: 04/01/14; 4/3/18

AASC Approval date: 04/17/18

*Riverland Community College Disciplines	MnTC Goal Number
Communication (CM)	1
Natural Sciences (NS)	3
Mathematics/Logical Reasoning (MA)	4
History and the Social & Behavioral Sciences (SS)	5
Humanities and Fine Arts (HU)	6

**Riverland Community College Core Themes	MnTC Goal Number
Critical Thinking (CT)	2
Human Diversity (HD)	7
Global Perspective (GP)	8
Ethical and Civic Responsibility (EC)	9
People and the Environment (PE)	10

*These five MnTC Goals have been identified as Riverland Community College Disciplines.

** These five MnTC Goals have been identified as Riverland Community College Core Themes.

NOTE: The Minnesota Transfer Curriculum “10 Goal Areas of Emphasis” are reflected in the five required discipline areas and five core themes noted in the Riverland Community College program of study guide and/or college catalog.