

MASTER COURSE OUTLINE

A. CARP 2150 Steel and Wood Framing

B. COURSE DESCRIPTION:

This course emphasizes various methods of wall framing. Different types of materials and methods used in framing are examined. Students participate in various methods of framing process. 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).
(3Cr – 1- lecture, 2-lab)

C. **Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- Demonstrate Wood Framing
- Demonstrate Steel Framing
- Wood framing methods
- Steel framing methods
- Demonstrate proper use of tools
- Safety

E. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u>	<u>OUTCOMES</u>
<u>**Critical Thinking</u>	Students will be able to 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.	1. solve problems independently through previously learned skills.
<u>CS</u>	framing wood and steel walls	1. complete steel framing to plan. 2. calculate framing material as needed for wall framing projects. 3. layout walls with windows and door openings.
<u>CS</u>	properly use tools and equipment	1. plumb, brace and correctly straighten walls. 2. correctly use tools to cut and assemble wall framing.
<u>CS</u>	create a safe work area	1. demonstrate safe work habits and properly use safety equipment. 2. identify tools and equipment that need repair or removal from service.

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, tape, upon request.

G. COURSE CODING INFORMATION:

Course Code S/Class Maximum 28; Letter Grade

Revision date: 10/25/14

AASC Approval date: 1/27/15

*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.