



MASTER COURSE OUTLINE

A. CARP 1225 Exterior Siding and Finish

B. COURSE DESCRIPTION:

This course introduces the installation of all exterior doors and windows. Application of residential siding and soffit procedures are performed. This course places emphasis on window identification, placement, and installation techniques. Installation of various hardware and door hanging procedures are performed. 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). Prerequisite: CARP 1110.

(4 Cr – 1 lect, 3 lab)

C. *Core Theme: Critical Thinking

D. RIVERLAND INSTITUTIONAL LEARNING OUTCOMES:

This course addresses the following Riverland Institutional Learning Outcome(s):

- ILO 1: critical thinking (*Core Theme Goal 2*)
- ILO 2: awareness of the larger global community (*Core Theme Goal 7 or 8*)
- ILO 3: ethical, engaged citizenship (*Core Theme Goal 9 or Goal 10*)
- ILO 4: communication and collaboration (*Discipline Goal 1 and by any learning outcome(s) involving communication or collaboration*)

E. MAJOR CONTENT AREAS:

- Exterior wall sheathing, house wrap, and application of siding components
- Aluminum coil stock wrap application procedures
- Properly install door and window
- Identify types of windows
- Properly install siding and accessories
- Properly install soffit and fascia
- Install lock sets
- Demonstrate safe work practices and personal protective equipment

F. GOAL TYPE, OBJECTIVES, AND OUTCOMES:

<u>GOAL TYPE</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,	The student will successfully 1. install windows to manufacturer's specifications.

	clear, comprehensive, and conscious of possible bias in the information selected.	
<u>CS</u>	identify different types of doors, windows, and hardware.	<ol style="list-style-type: none"> 1. install and flash windows and doors so they are plumb, level and work correctly. 2. install door and window hardware according to manufacturer's specifications.
<u>CS</u>	examine different types and procedures of wood wall and roof sheathing.	<ol style="list-style-type: none"> 1. identify and explain application of oriented strand board (OSB), plywood, and fiberboard sheathing.
<u>CS</u>	examine installation procedures for wall sheathing, house wrap, and siding.	<ol style="list-style-type: none"> 1. install wall sheathing to code. 2. identify and install various types of siding components.
<u>CS</u>	create a safe work area.	<ol style="list-style-type: none"> 1. demonstrate safe work habits and properly use safety equipment. 2. identify tools and equipment that need repair or removal from service.
<u>CS</u>	complete the exterior siding and all other trim.	<ol style="list-style-type: none"> 1. install siding level and fastened correctly. 2. install soffit and trim.

G. 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 Accessibility Services 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.

H. COURSE CODING INFORMATION:

Course Code S/Class Maximum 28; Letter Grade

Revision date: 04/01/14; 04/03/18; 04/02/24

AASC Approval date: 04/17/18; 04/16/24

*These five MnTC Goals have been identified as Riverland Community College Core Themes. Every course in the Riverland Community College curriculum shall meet outcomes from one of these themes.

**These five MnTC Goals have been identified as Riverland Community College Disciplines. Riverland's MnTC courses also shall meet outcomes from a Discipline Area.

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.

*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

**Riverland Community College Discipline Areas	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