



MASTER COURSE OUTLINE

A. CARP 1245 Interior Millwork, Cabinet Installation, and Stairs

B. COURSE DESCRIPTION:

This course introduces the installation of interior doors, window trim, and stair railing. Staining, varnishing, or painting of millwork are possibly included. The installation of finished wood floors or tile floors is introduced depending on class project. The course also introduces the installation of kitchen cabinets, vanities, and other built-ins. 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 and CARP 1235.

(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:

- Door and window trim
- Staining, varnishing or painting
- Installation of cabinets or other built-ins
- Participation in final project inspection
- Installation of stairs
- Installation of flooring
- Safety

F. GOAL TYPE, OBJECTIVES, AND OUTCOMES:

<u>GOAL TYPE</u>	<u>OBJECTIVES</u>	<u>OUTCOMES</u>
*Critical Thinking	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. calculate trim needed for a given project.

	clear, comprehensive, and conscious of possible bias in the information selected.	<ol style="list-style-type: none"> install countertop to manufacturer's standards. demonstrate installation of flooring as project requires.
<u>CS</u>	understand correct use of all interior trim.	<ol style="list-style-type: none"> cut and install base and casing trim to a professional standard.
<u>CS</u>	understand correct use of stair rails.	<ol style="list-style-type: none"> layout, cut, and install stair and rails to a professional standard.
<u>CS</u>	understand correct stain, varnish, fill nails, and other finishing materials.	<ol style="list-style-type: none"> apply varnish and stain or paint. finish millwork and inspect finish installation to a professional standard. complete trim details.
<u>CS</u>	understand correct door and window hardware required.	<ol style="list-style-type: none"> install hardware to manufacturer's recommendation.
<u>CS</u>	create a safe work area.	<ol style="list-style-type: none"> demonstrate safe work habits and properly use safety equipment. identify tools and equipment that need repair or removal from service. identify and wear personal protective equipment properly.
<u>CS</u>	recognize proper ways of installing kitchen cabinets, vanities, and built ins.	<ol style="list-style-type: none"> install kitchen cabinets, vanities, and built ins.
<u>CS</u>	understand tops and the proper way to fit and finish.	<ol style="list-style-type: none"> install tops with finish fit and caulk.

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