



MASTER COURSE OUTLINE

A. CARP 2235 Estimating, Scheduling and Building Codes

B. COURSE DESCRIPTION:

This course will introduce students to various methods of estimating. Students will look at scheduling work with subcontractors on job sites in meeting the project schedule. The students will review codes and how they apply to different construction sites. The students will look up codes and explain their relevance to the job. 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 1250
(1 Cr – 1 lect, 0 lab)

C. **Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- Estimate daily orders of material and plan for special order items to arrive on time
- Review codes and code book
- Create schedule of subcontractors of a project

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.	The student will successfully: 1. solve problems independently through previously learned skills.
<u>CS</u>	correctly estimate materials.	1. estimate materials needed for a job. 2. list special order or items that require lead time and awareness of necessary lead time.
<u>CS</u>	interpret codes and locate them within the code book.	1. look up codes and identify proper application of code requirements.
<u>CS</u>	map out a list of subcontractors and a time line of when the work would need to be performed.	1. coordinate with subcontractors and demonstrate ability to plan and meet project time lines.

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: 3/8/17

AASC Approval date: 04/18/17

*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.