

### MASTER COURSE OUTLINE

A. CARP 2160 Job Site Setup /Building Layout

B. COURSE DESCRIPTION:

This course examines the layout of a building project on a building site. Students work with setting elevations in preparation for excavation. Students will establish proper setbacks and locate building corners. Students will complete required site work plan and drainage plans as required by local government. 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). **(2 Cr – 1- lecture, 1-lab)**

C. \*\*Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- Correctly calculate elevations
- Establish batter boards
- Layout building within the city requirements
- Complete site work plan
- Complete erosion control plan

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>	prepare job site	1. install silt fence and provide other erosion control methods required by MPCA (Minnesota Pollution Control Agency). 2. locate and prepare site with needed equipment.
<u>CS</u>	complete required paper work for erosion and site drainage	1. complete all paper work required by city.
<u>CS</u>	layout building on site	1. establish building corners and place batter boards. 2. correctly set elevation according to plans.
<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.
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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

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

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

\*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.