



MASTER COURSE OUTLINE

A. CPRO 1600 Intro to HTML5 and CSS3

B. COURSE DESCRIPTION:

This course is an introduction to HTML 5, CSS 3 and Web standards. Students develop and design responsive web sites using hand coding of HTML 5 and CSS3 (Cascading Style Sheets). Students will acquire a comprehensive foundation in reading and writing HTML 5 web pages. Responsive web pages will be developed using media queries. The course promotes using HTML5 to comply with Section 508 guidelines for accessibility. This course is part of the Web Design and Web Developer degrees which are accredited by the World Organization of Webmasters (WOW).

(3 Cr – 3 lect, 0 lab)

C. **Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- HTML5 document creation
- Hyperlinking
- Cascading Style Sheets (CSS3)
- Working with Classes
- Creating page layouts with CSS3
- Using tables
- Publishing to the web
- Responsive web design

E. GOAL TYPE, OBJECTIVES AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u> Students will be able to:	<u>OUTCOMES</u> Students will successfully:
** <u>Critical Thinking</u>	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. create a web site based on the information provided in a case study.
<u>CS</u>	use HTML 5 tags.	1. create a web page as specified by the instructor.
<u>CS</u>	use Cascading Style Sheets	1. create a web site formatted by CSS as specified by the instructor
<u>CS</u>	control layout of web page based on screen size of device	1. create responsive web page using media queries
<u>CS</u>	hyperlink to web resources	1. hyperlink to web resources as specified by the instructor
<u>CS</u>	use tables to display data	1. create a table as specified by the

		instructor
<u>CS</u>	use responsive web design and media queries to build web pages.	1. create a responsive web page using media queries.

F. SPECIAL INFORMATION:

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 cassette tape, upon request.

G. COURSE CODING INFORMATION: Course Code: T, Class Maximum: 30, Grade Methodology, Letter

Revision date: 4/1/18

AASC Approval date: 5/8/18

*Riverland Community College Disciplines	***MnTC Goal Number
Communication	1
Natural Sciences	3
Mathematics/Logical Reasoning	4
History and the Social & Behavioral Sciences	5
Humanities and Fine Arts	6

** Riverland Community College Core Themes	***MnTC Goal Number
Critical Thinking	2
Human Diversity	7
Global Perspective	8
Ethical and Civic Responsibility	9
People and the Environment	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.

***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.