



## MASTER COURSE OUTLINE

A. CPRO 1590 Web Page Design I with Graphic Design

B. COURSE DESCRIPTION:

This course is an introduction to the process of planning a website. Graphic design concepts and typography techniques will be emphasized. Use step-by-step lessons to learn Adobe Photoshop the industry-standard image editing software. Text based editors will be used to develop basic HTML5 and CSS3 web pages. Gain exposure to the latest web design trends which include accessibility, responsive and mobile design. Students will develop and enhance their HTML, CSS and graphic design skills.

Web Design I is the first of a two-course sequence. This course is part of the Computer Technology program which is an accredited program in World Organization of Webmaster (WOW) Professional Academy.

**(3 Cr – 3 lect, 0 lab)**

C. \*\*Core Theme: Critical Thinking

D. MAJOR CONTENT AREAS:

- HTML 5 and CSS3 Cascading Style Sheets
- Web Site Design Principles and Site Planning
- Web typography
- Box Properties, layout and composition
- Adobe Photoshop Concepts
  - Image essentials, vectors, and bitmaps
  - Selections and layers
  - Masks and channels
  - Typographic design
  - Vector drawing
  - Advanced compositing and using brushes
  - Editing video
  - Camera raw
  - Optimizing images

E. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
** <u>Critical Thinking</u>	gather factual information and apply it to a given problem in a manner that is relevant,	1. demonstrate how to operate Adobe Photoshop software to

	clear, comprehensive, and conscious of possible bias in the information selected.	apply the correct settings for selecting and transforming images. 2. Build web pages using HTML5 and CSS3
<u>CS</u>	demonstrate effective layout and composition.	1. design a web page composition. 2. Use layers and selection tools to create an effective composition
<u>CS</u>	demonstrate how to use the box properties.	1. modify HTML5 and CSS3 elements using box property concepts to create an aesthetic web design.
<u>CS</u>	apply the various web publishing tools in designing a web page.	1. Optimize images for presentation on the web 2. Create valid HTML, CSS and image files.
<u>CS</u>	demonstrate special effects such as background extraction.	1. remove the background from a digital image using layers and the selection tools.

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, upon request. Software requirements: Adobe Creative Cloud is required for the class. The software is available in the Riverland Book Store.

G. COURSE CODING INFORMATION: Course Code T/Class Maximum 30; Letter Grade

Revision date: 1/4/16; 4/3/18

AASC Approval date: 5/8/18

<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.

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