

# Ridgewater College

## CST 1021: HTML and the Web

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is designed to give students the basic skills they need to design web pages. Students will develop the skills they need to write, understand, and use HTML and CSS code in the creation of web pages. Course content addresses topics such as the use of HTML coding, HTML versions, browser differences, and CSS for page layout and design. In addition, students will navigate the World Wide Web and understand how web pages are delivered.

**B. COURSE EFFECTIVE DATES:** 07/01/2015 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

### D. LEARNING OUTCOMES (General)

1. Identify basic building blocks of HTML.
2. Create a new web page.
3. Develop a web page in a editor.
4. Create a head and body sections.
5. Organize the page with containers such as article, aside, div, footer, header, p, and section.
6. Describe image file size, file types, and uses.
7. Create or convert bmp, gif, jpeg, and png images.
8. Insert images on web pages and align or wrap text around them.
9. Create links to other web pages, anchors, and use and image map.
10. Use CSS to create inline styles, define a style section, and create an external style sheet.
11. Define the CSS Box Model.
12. Use CSS to change backgrounds, borders, colors, fonts, hyperlinks, lists, outlines, positioning, text, transitions, and other aspects of web page design.
13. Create an ordered, an unordered, and a definition list.
14. Create and modify tables.
15. Use multimedia and Canvas.
16. Plan a web site.
17. Sketch the site on paper.
18. Present the finished web site to class.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

**F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted