

# Minnesota State College Southeast

## COMC 1741: Web Design, HTML, CSS

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course introduces web site design, authoring, management concepts using Microsoft Expression Web. Students will create web pages which include many common HTML formatting and navigation elements: lists, tables, links, graphics, and CSS styles. (Prerequisite: COMP2515 or instructor's permission) (3 Credits: 3 lecture/0 lab)

**B. COURSE EFFECTIVE DATES:** 03/09/2009 - Present

**C. OUTLINE OF MAJOR CONTENT AREAS**

#### **D. LEARNING OUTCOMES (General)**

1. Describe Internet, Web, and HTML concepts
2. Perform web site directory and file organization
3. Apply web page design concepts
4. Apply web site design and navigation concepts
5. Apply accessibility concepts
6. Use HTML editor and tools
7. Use paragraph, break, and comment tags
8. Use header and text emphasis tags
9. Use ordered and unordered lists
10. Define table structure
11. Utilize table rows and columns
12. Use tables to control page layout
13. Format tables using HTML
14. Utilize cascading style sheets (CSS)
15. Use CSS inline styles
16. Use embedded CSS styles
17. Use external CSS styles
18. Use CSS IDs and classes
19. Format tables using CSS
20. Format lists using CSS
21. Identify and fix tag errors
22. Design web page with frames
23. Utilize web page frames
24. Design multi-frame structure
25. Describe GIF, JPEG, and PNG graphics concepts
26. Use image source tag
27. Use ALT and ALIGN attributes
28. Create menu bars
29. Create URL links
30. Create graphical links
31. Create e-mail address and ftp links
32. Create clickable image maps
33. Define image map coordinates
34. Use DIV and SPAN tags
35. Use web publishing functions
36. Modify web site templates
37. Exhibit professional attitude

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

## **G. SPECIAL INFORMATION**

This course was previously called Web Design with Expression Web