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