J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: ITD 110   **Credits:** 3

Course Title: Web Page Design I

Course Description: Stresses a working knowledge of web site designs, construction, and management using HTML5 and Dreamweaver. Includes headings, lists, links, images, image maps, tables, forms, and frames. Also includes templates, Cascading Style Sheets (CSS), responsive web design and publishing to a web server. Prerequisite: ITE 115 or equivalent with emphasis on file and folder management. Lecture 3 hours per week.

General Course Purpose: Required in Web Development Career Studies Certificate, which also feeds into the IST AAS degree, Web Development concentration. It can also be used as an IT elective in any degree concentration.

Course Prerequisites and Co-requisites:
Prerequisite: ITE 115 or equivalent with emphasis on file and folder management

Student Learning Outcomes:
Upon completing the course, the student will be able to
a. Design and create a site using file management skills;
b. Write syntactically correct HTML5 code to create web pages that include:
   - HTML5 semantic and neutral syntax
   - CSS to control the style and layout of multiple web pages
   - Assorted types of hyperlinks
   - Images and image maps
   - Lists and tables
   - Forms
c. Design and create a Dreamweaver local and remote web site;
d. Construct a pre-designed web page template that can be modified to create a web site; and
e. Publish web site files and folders to a web server.

Major Topics to Be Included:
a. HTML5 site creation
b. HTML5 semantic syntax
c. Page layout and formatting using CSS
d. Hyperlinks and Images
e. Lists and tables
f. Image maps
g. Dreamweaver
h. Templates
i. Publishing to a web server

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