

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number:** ITD 210

**Credits:** 4

**Course Title:** Web Page Design II

**Course Description:** Incorporates advanced techniques in web site planning, design, usability, accessibility, advanced site management, and maintenance utilizing web editor software.  
Prerequisite: ITD 110 or equivalent. Lecture 4 hours per week.

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

**Course Prerequisites and Co-requisites:**

Prerequisite: ITD 110 or equivalent

**Student Learning Outcomes:**

Upon completing the course, the student will be able to

- a. Design and create a web site and upload files to the web server;
- b. Apply more advanced web design components, such as style sheets, responsive web design and JavaScript;
- c. Construct web sites using advanced features of CSS and Dreamweaver;
- d. Create a connection between a local site and the remote server;
- e. Develop and test a form with validation; and
- f. Design and create a database administration ( )Tj-r2; abasDabas
  - a. Site creation with content
  - b. Sync site with web server
  - c. Forms with validation
  - d. CSS styles for formatting and layout
  - e. JavaScript
  - f. Database connectivity (add, query, edit, and delete records)
  - g. Designing and creating project(s)

**Date Created/Updated (Month, Day, and Year):** January 20, 2022