Diyala University
College of Engineering
Computer Engineering
Department

Third Year
First Semester

CPE 313	Internet Web Site Design-Lab	Time	2 hrs/w

	Contents	**Weeks**
1	Intro to; designing for the Web vs. designing for print; characteristics of good Web design Portrait of a Web designer; Web terminology; evolution of the Web; introduction to XHTML and CSS	1
2	Marking up our first Web pages; creating links; inserting images into Web pages	1
3	Introduction to stylesheets; inheritance and specificity in CSS; introduction to Dreamweaver; basic text styling with CSS	1
4	Typography on the Web; applying typographical principles with CSS	1
5	Color and contrast on the Web; preparing images for the Web; applying background images with CSS	1
6	Anatomy of a Web page; understanding the CSS box model; floating and positioning elements with CSS	1
7	Principles of composition on the Web; grids and grid theory; page layouts with CSS	1
8	Styling links with CSS pseudo-classes; building navigation menus	1
9	How Web designers work: conceptualizing, sketching, site mapping, wireframing; creating the comps; from PSD comps to working XHTML/CSS	1
10	Branding your site; developing a typographical logo; CSS image replacement	1
11	Site management in Dreamweaver CS3; using Dreamweaver templates and library items to enhance and speed up the development process	1
12	CSS and JavaScript galleries	1
13	XHTML forms; styling forms with CSS	1
14	CSS and graphic techniques	1

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15	Portfolio presentations and critiques	1

Instructions:

- Students may use text editor of your choice: Notepad++ (windows), Komodo Edit (mac), Edge Code (Creative Cloud), Adobe Dreamweaver any tool of web development to complete a set of experiments rated to this course.

- All examples in CPE 313 course and its textbook can be used in this lab.

- Time includes laboratory exams.

Prerequisites:

- **None**

Textbook:

- Harvey M. Deitel, Tem Nieto, *Complete Internet and World Wide Web Programming Training Course*, the 2nd Edition.

- Jennifer Niederst Robbins, *Learning Web Design: A Beginner's Guide to (X) HTML, Stylesheets, and Web Graphics*, 3rd ed. O'Reilly, 2007. ISBN: 978-0-596-52752-5.

References:

- Porter Scobe, *Web Programming And Internet Technologies: An E-Commerce Approach 1 Pap*, Cdr Edition

- Dane Camero , *A Software Engineer Learns HTML5, JavaScript and jQuery*, Paperback, November 25, 2013

- Elizabeth Castro, Bruce Hyslop, *HTML5 & CSS3 Visual QuickStart Guide*, 7th Edition, Online Version

- Tom Negrino, Dori Smith, *Dreamweaver CC: Visual QuickStart Guide*