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Fall 2012

CS 2800: Web Design Fundamentals

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Course Title: Web Design Fundamental

Course Number: CS 2800

Credit Hours: 3 semester units

Labs

Section	Day	Time	Location
Section 5	Mondays	2:30 p.m. – 4:20 p.m.	320 Oelman Hall
Section 6	Tuesdays	12:30 p.m. – 2:20 p.m.	320 Oelman Hall

Prerequisite(s): CS 1160 or CS 1180 or CEG 2170

Course Description: Introduction to basic web design, development, and information management. Topics include design principles, page layout, hierarchal organization, content management, use of color and graphics, privacy policies, accessibility and site organization. HTML, and modern web programming tools are included in the course.

Required Text: *Web Development & Design Foundations with HTML5*, Terry Felke-Morris, 6th Edition, ISBN: 978-0-13-278339-8, Pearson

Required Materials: Personal Computer with Internet Access
Software:

- NotePad++, free, download from: <http://notepad-plus-plus.org/download/v6.1.5.html>, or
- TextPad, free, download from: <http://www.textpad.com/download/textpad45.html>, or
- Expression Web 4, free for students, to get this software go to this link and follow the instructions: <http://www.cs.wright.edu/cse/currentstudents/msdnaa>
- If you use NotePad++ or TextPad, you will need FileZilla to upload your work to the server

Technical Requirements: Basic computer skills are all you need for this course. You need to know how to use the Internet, email, and save your work on your local storage area.

Instructor: Mohamed B Ali, *Adjunct Faculty*

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Office Location: Russ Engineering Building, Room 437

Student Assistant: Andrew Berger

Email: andrew@andrewberger.net

Office Location: Russ Engineering Building, Room 342

Program Outcomes:

1. Students learn how to create web pages using HTML5.
2. Students also will gain exposure to a popular scripting language that will enable them to add additional functionality to their web pages.

Course Objectives:

1. Identify web site and web application design requirements for client sites.
2. Understand and use web development editors, such as notePad++, TextPad.
3. Understand and use HTML5, CSS.
4. Understand and use JavaScript
5. Understand and use professional web development environments, such as Expression Web.

Course Expectations:

Everyone comes to the class with different expectations. It is very easy to fall behind in this class. There are scheduled on-campus class periods. Your only requirement is to complete assignments and exams as scheduled on the course schedule. You must be a self-directed student who can plan your schedule to accommodate the deadlines outlined in the syllabus. Students are often in multiple life roles and time is a valuable commodity. You are expected to visit the course website several times a week. Ideally, once a day. Once there, you will find announcements, lecture material, assignments, and exams.

COMPLETING ASSIGNMENTS:

This course will require at least twelve hours of computer work each week in addition to preparation time. Assignments must be submitted online to the class web server. Students are expected to do their own work. All assignments are due by 7:00 p.m. on the due date. No extensions on assignments will be given to students who have not purchased the book. It is very easy to fall behind in a class in which a portion of the work must be done online.

Because I regard this class as I would any job responsibility, I will hold you to strict standards of timeliness and ethics. In this regard, late work is unacceptable. Any assignment that is not submitted by the due date receives zero points. With regard to ethical conduct, it is my sincere hope that no student in this class submits work which is not his or her own. Any assignment that is not written solely by the student whose name appears on the submission, will automatically receive a grade of zero (0) for the assignment. Similarly, if a student is determined to have cheated on an assignment or exam, the student will receive a score of "0" for that work.

Your only requirement is to complete assignments and exams as scheduled on the course schedule. You must plan your schedule to accommodate the deadlines outlined in the syllabus. You are expected to visit the course website several times a week. Ideally, once a day. Once there, you will find announcements, lecture material, assignments, and quizzes.

Getting Help:

Please never ever feel guilty about asking me for help, it is normal to become confused and I am happy to help. The primary method for asking a question is via e-mail or in class. If you would like to meet with me in person I encourage you to come by and see me in my office. When asking for help online don't forget that if you e-mail me you must include your user name for your class server, and then describe the problem as specifically as possible. The more detailed your question, the easier it is to answer.

CECS Help Room:

This is free tutorial help for this class and all of your other classes in CS and ECS. See their schedule and location on this page: <http://oldwww.cs.wright.edu/cecs/current-students/cecs-help-room.shtml>

Students are responsible for maintaining a backup copy of all course assignments submitted. Servers are not 100% reliable, and server failure can happen and will happen. Keep backups of your WORK.

Outline: [The syllabus may be changed at the instructor's discretion. Changes will be announced to class.]

Week	Chapter	Topics	Assignments
1 [08/27 - 08/31]	1	Introduction to the course notePad++, TextPad, Expression Web 4 Introduction to the Internet and World Wide Web	1. Quiz 1 must take in the lab
2 [09/05- 09/07]	2	HTML Basic	1. Quiz 2 must take in class 2. Case: Prime Properties, Page 72 Due on 9/8 by 7:00 p.m.
3 [09/10- 09/14]	3	Configuring Color and Text with CSS.	1. Quiz 3 must take in class 2. Case: Prime Properties, Page 124 Due on 9/15 by 7:00 p.m.
4 [09/17- 09/21]	4	Visual Elements and Graphics.	1. Quiz 4 must take in class 2. Case: Prime Properties, Page 189 Due on 9/22 by 7:00 p.m.
5 [09/24- 09/28]	5	Web Design.	1. Quiz 5 must take in class 2. Case: Prime Properties, Page 219 Part I: Site improvement uploaded to the site, Due on 9/29 by 7:00 p.m. Part II: Site Evaluation, submitted to Mr. Berger in the lab
6 [10/01- 10/05]	6	Page Layout.	1. Quiz 6 must take in class 2. Case: Prime Properties, Page 272 Due on 10/06 by 7:00 p.m.
7 [10/08- 10/12]	7	More on Links, Layout, and Mobile	1. Quiz 7 must take in the lab 2. Case: Prime Properties, Page 324 Due on 10/13 by 7:00 p.m.
8 [10/15- 10/19]	8	Tables.	1. Quiz 8 must take in class 2. Case: Prime Properties, Page 353 Due on 10/20 by 7:00 p.m.
9 [10/22- 10/26]	9	Forms.	1. Quiz 9 must take in the lab 2. Case: Prime Properties, Page 407 Due on 10/27 by 7:00 p.m.
10 [10/29- 11/02]	10 and 13	Web Development and Web Promotion	1. Quiz 10 must take in the lab
11 [11/05- 11/09]	11	Web Multimedia and Interactivity.	1. Quiz 11 must take in class 2. Case: Prime Properties, Page 484 Due on 11/10 by 7:00 p.m.
12 [11/14- 11/16]	12	E-Commerce Overview	1. Quiz 12 must take in class 2. Case: Prime Properties, Page 514

			Due on 11/17 by 7:00 p.m.
13 [11/13- 11/30]	14	A Brief Look at JavaScript	1. Quiz 13 must take in class 2. Case: Prime Properties, Page 582 Due on 12/01 by 7:00 p.m.
14 [11/26- 11/30]	Work on Final Project	Work on Final Project	
15 [11/26- 11/30]	Work on Final Project	Work on Final Project	
16 [12/10- 12/14]	Final Exam Final Project	Work on Final Project	Final Exam: Wednesday Dec 12, 2012 Final Project: Due Friday Dec 14, 2012 by 12:00 p.m.

Grading Policy:

ASSIGNMENT	POINTS
Prime Properties projects	20%
Final Exam (in class)	20%
Quizzes (in labs)	25%
Final Project	25%
Editing Class Home Page	10%
Total Points	100%

GRADING SCALE	POINTS
A	100 - 90
B	89 - 80
C	79 - 70
D	69 - 60
F	59 - 00

Attendance/Participation Policy:

Attendance 90% of success is showing up. Absence is a detriment to your overall performance. This course requires careful attention to posted programming exercises, exams and dead lines you should refer to the course syllabus regularly. Assignment that is not uploaded on time will receive a zero points. It is up to you to monitor your time.

Email Guidelines:

CAUTION: If you do not receive a response from me, assume I did not receive your mail. Make copies of anything you are mailing me for a grade in case there are problems with the mail.

1. I reply within 24 to 48 hours.
2. When you are writing about a question or technical problem, please provide as much detail as possible (URL, error message, screen capture etc.).
3. Please save non-emergency questions for our class discussion so that you may benefit from other student responses, and they will benefit from the questions you ask.
4. If you reply to a message, please include the text of the original message to help me remember the context of your message.
5. Please check your e-mail frequently. Every day is best.

Plagiarism Policy:

Plagiarism is claiming, indicating, or implying that the ideas, sentences, or words of another writer are your own. Plagiarism includes having another writer do work claimed to be your own, copying the work of another and presenting it as your own, or following the work of another as a guide to ideas and expression that are then presented as your own. Any work plagiarized by a student will receive no credit (zero points). Plagiarism is considered academic misconduct.

Student Etiquette:

Students are expected to be attentive during class and not disrupt the learning process. Everyone is encouraged to participate in class discussions as directed by the instructor. Students are also encouraged to ask the instructor questions about the course material. Here is a list of activities that can disrupt the learning process:

1. Forgetting to turn-off your cell phone during class, or exam time.
2. Habitual tardiness.
3. Leaving and re-entering the classroom during class, or exam time.
4. Engaging in conversation not relevant to the classroom activities.

Academic integrity:

In addition to the above ethic requirement, I also refer you to the following:

University procedures for plagiarism will be strictly followed. Sharing ideas and general mathematical and computer skills with others outside of class is encouraged. Students are expected to read, understand and follow the University Academic Integrity Policy at: <http://www.wright.edu/students/judicial/integrity.html>