COURSE SYLLABUS

DSN254: Web Design 2

Course Description

This course provides an overview of professional web design implementation. Core concepts include structuring HTML for website layouts, utilizing CSS to control aesthetics, and the methods and techniques used to implement a functional web layout. Topics covered include techniques for creating a variety of website layouts, and designing layout variants for multiple devices.

General Course Information

Number of Units/Weeks	4/10
#Hours Lecture/#Hours Laboratory/#Hours HW*	40/00/80
Prerequisite(s)	DSN 224
Co-requisites (s)	None
Course Developer(s)	R. Wells, BS
Date Approved / Last Review	TBA / TBA

* Homework

Learning Outcomes

Upon successful completion of this course, the student will be able to:

1) Identify HTML tags and demonstrate their use in a web layout.
2) Identify CSS elements and how they apply to a HTML layout.
3) Demonstrate how to build a website with current web standards.
4) Create responsive web layouts for multiple devices.
5) Design a comprehesive website utilizing multiple style sheets and correct use of CSS as well as HTML elements.

Instructional Methods Employed in this Course

Lecture and reading assignments
Hands-on exercises and labs
Research
Student presentations
Practical application of theory and skills in authentic projects
Build on prior knowledge and experience of students to enhance richness of class activities

Information Resources for this Course

📖 **Textbook**

Designing With Web Standards 3rd. By Jeffrey Zeldman with Ethan Marcotte. New Riders (2010)

 Web Site Readings
Web Style Guide 3rd Edition by Patrick J. Lynch and Sarah Horton
www.webstyleguide.com
World Wide Web Consortium
www.w3c.org
W3 Schools
www.w3schools.com

Table/Topics & Assignments

Types of Assignments:
Lecture: Considered Lecture Hours
Classroom Discussion: Considered Lecture Hours
In Class Critique: Considered Lecture Hours
Delivering Oral Presentations: Considered Lecture Hours
In Class (IC) Exercise: Considered Lecture Hours
Reading: Considered Homework (HW), work done outside of class.
WebClass lesson (non-online courses): Considered HW, work done outside of class
Lab Work: Considered Lab Hours
Quiz, Midterm or Final: Considered Lecture Hours

Week 1						
Type	**Topic/Description**	**LEC Hours**	**LAB Hours**	**HW Hours**	**Point Value**	**Due**
LEC 1A	Introduction to HTML 5: Web Building Blocks	2				
LEC 1B	Introduction to HTML structure and rules	1				
IC EX 1A	Creating Website Elements with HTML	1				
HW 1A	Project: Identifying HTML elements from Design Comps			2	20	Week 2
HW 1B	HTML TAG Glossary Worksheet			1	10	Week 2
HW 1C	Chapters 5-7 (54 pages) Evaluated by HW 1D			5.4		
HW 1D	Webclass Questions			1	5	Before next class
Total Week 1		4	0	9.4	35	
Week 2						
Type	**Topic/Description**	**LEC Hours**	**LAB Hours**	**HW Hours**	**Point Value**	**Due**
LEC 2A	Introduction to CSS: Styling HTML tags	2				
LEC 2B	Introduction to CSS: Structure and rules	1				
IC EX 2A	Styling Website Elements with CSS	1				

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
HW 2A	Project: Drafting Styles for Content			4	20	Week 3
HW 2B	CSS Glossary Worksheet			2	10	Week 3
HW 2C	Chapters 8-9 (36 pages) Evaluated by HW 2D			3.6		
HW 2D	Webclass Questions			1	5	Before next class
Total Week 2		4	0	10.6	35	

Week 3

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 3A	Understanding CSS: Giving Structure to your website	3				
IC EX 3A	Applying the Box Model in CSS	1				
HW 3A	Project: Creating Styles for Dimension			4	20	Week 4
HW 3B	Chapters 10 and 13 (62 pages) Evaluated by HW 3C			6.2		
HW 3C	Webclass Questions			1	5	Before next class
Total Week 3		4	0	11.2	25	

Week 4

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 4A	Grids and Layouts: Responsive and Fixed Layouts	2				
IC EX 4A	Understanding Grid based Layouts	1				
IC EX 4B	Create Responsive Layout	1				
HW 4A	Project: Inserting Assests to Layouts			4	20	Week 5
HW 4B	Chapters 11-12 (48 pages) Evaluated by HW 4C			4.8		
HW 4C	Webclass Questions			1	5	Before next class
Total Week 4		4	0	9.8	25	

Week 5

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 5A	Web Hosting: How to publish on the web	1				
IC EX 5A	Upload Project to Server	0.5			10	
EXAM 5A	LASA 1: Midterm on HTML and CSS	2.5			175	
HW 5A	Project: Review Uploaded Project Identify Problems			4	20	Week 6
HW 5B	Read Web Articles (2 articles) Evaluated by HW 5C			3		
HW 5C	Webclass Questions			1	5	Before next class
Total Week 5		4	0	8	210	

Week 6

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 6A	CSS Media Queries: Designing for multiple devices	2				
IC EX 6A	Applying Media Quieries in CSS	2				
HW 6A	Project: Creating Styles for Multiple Devices			6	40	Week 7
HW 6B	Chapters 14 (26 pages) Evaluated by HW 6C			2.6		
HW 6C	Webclass Questions			1	5	Before next class
Total Week 6		4	0	9.6	45	

Week 7

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 7A	Project Wall Critique	1			20	In Class
LEC 7B	Testing and Troubleshooting: Compatibility	2				
IC EX 7A	Fixing Errors	1				
HW 7A	Project: Test and Debug			4	20	
HW 7B	Chapters 15-16 (44 pages) Evaluated by HW 7C			4.4		
HW 7C	Webclass Questions			1	5	Before next class
Total Week 7		4	0	9.4	45	

Week 8

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 8A	Beyond HTML and CSS: Client Side Scripting	3				
LEC 8B	Identifying Web Technologies	1				
HW 8A	Project: Finalize Project for Demonstartion			4	20	
HW 8B	Read Web Articles (2 articles) Evaluated by HW 8C			3		
HW 8C	Webclass Questions			1	5	Before next class
Total Week 8		4	0	8	25	

Week 9

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
LEC 9A	Final Project Presentation with Demonstation	3			250	In Class
IC EX 9A	Evaluation and Critique Worksheet	0.5				End of Class
LEC 9B	Review for Final	0.5				

Type	Topic/Description	LEC Hours	LAB Hours	HW Hours	Point Value	Due
HW 9A	Read Web Articles (2 articles) Evaluated by HW 9B			3		
HW 9B	Webclass Questions			1	5	Before next class
Total Week 9		4	0	4	255	

Week 10						
Type	**Topic/Description**	**LEC Hours**	**LAB Hours**	**HW Hours**	**Point Value**	**Due**
EXAM 10A	LASA 2: Develop Final Website	4			300	In Class
Total Week 10		4	0	0	300	

Course Hours Summary

Week	Topic	LEC Hours	LAB Hours	HW Hours
1	Intro to HTML	4	0	9.4
2	Intro to CSS	4	0	10.6
3	Structure with CSS	4	0	11.2
4	Responsive Layouts and Grids	4	0	9.8
5	Hosting and Midterm	4	0	8
6	Media Queries	4	0	9.6
7	Troubleshooting	4	0	9.4
8	Client Side Scripting	4	0	8
9	Project Presentation	4	0	4
10	Final Exam	4	0	0
Total		40	0	80

Table/Point Breakdown

Assignment Type	Possible Points	Percentage of Grade
Graded Homework	65	7%
Midterm	175	18%
Final	300	30%
Projects	460	46%
Total	1000	100%

Your Grades for this Course

Your final grade for this course will be based on an assessment by the Instructor of your performance on a number of course activities, which may include objective tests, classroom exercises, laboratory demonstrations, project papers, or other types of activities. The chart below indicates in what activities you will engage, how many possible points can be earned for each activity, and the percentage of your final grade that will be accounted for by each activity.

Students in this course should be graded following Coleman University assessment practices and policies. A point system is used in the University to indicate student performance on various required activities or projects. For this course, it is recommended that points be distributed as follows:

Coleman University Grade Assignment Policy:
The Coleman University guidelines for the assignment of grades to total points earned is as follows:

Percent	Letter Grade	Grade Points
94-100%	A	4
90-93%	A-	3.67
87-89%	B+	3.33
84-86%	B	3
80-83%	B-	2.67
77-79%	C+	2.33
74-76%	C	2
70-73%	C-	1.67
67-69%	D+	1.33
64-66%	D	1
60-63%	D-	0.67
0-59%	NC	0
N/A	I	0
N/A	W	0
N/A	AU	0
N/A	TR	0
N/A	WV	0
CR =Credit, NC = No Credit, I = Incomplete, W = Course Withdrawal, AU = Audit, TR = Transfer Credit, WV = Waiver		

Requirements

Assignments: All assignments (including projects, lab work, quizzes and exams) must be completed as scheduled. The following will apply to late assignments:

1-24 hours after due date = 20% off point value

25-48 hours after due date = 60% off point value
49+ hours after due date = No points given

If an assignment equals less than 5 points, no points will be given for late work. If there are extenuating circumstances, the student must submit a written explanation to the department Senior Instructor. Upon evaluation, points will be given according to the Senior Instructor's discretion.

Coleman University Policy on Academic Dishonesty:

Academic dishonesty is cause for dismissal from Coleman University. Presenting another person's ideas, methods, course work, or test answers with the intention that they be taken as one's own is theft of a special kind. It defrauds the originator of the work, the institution, its graduates, its students, and its future students.

The student has full responsibility for the authenticity of all academic work and examinations submitted. A student who appears to have violated this policy must submit to a hearing with the reporting instructor and the associate dean. If it is determined that a violation occurred, the matter will be referred to an Officer of the University with recommendations for an appropriate penalty. The student may be dismissed, suspended, or given another penalty.

Coleman University employs the plagiarism software known as Turnitin. Students are expected to use this tool in an appropriate manner with the sole purpose to support their own academic endeavors at Coleman University. Turnitin account information can not be shared with anyone. Contact your instructor if you have any questions about plagiarism related issues.

Academic Accommodation / Adjustment Policy:

In accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA), Coleman University offers accommodations to students with documented physical, psychological, and/or cognitive disabilities. Coleman University will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to offer equal educational opportunities to qualified disabled individuals.

To qualify for an academic accommodation under ADA, the student must provide adequate documentation of a disability. Students seeking academic accommodations should contact the campus ADA Coordinator at 858-966-3953 or via email at ada@coleman.edu. The ADA Coordinator will review the documentation provided and verify ADA coverage. Students covered under ADA must meet with the ADA Coordinator at the beginning of every term to determine the appropriate academic accommodations. Failing to meet with the ADA Coordinator at the beginning of every term may impact the availability of accommodations.

After the academic accommodations have been determined, the students' instructors will be notified by the ADA Coordinator. If any problems or concerns regarding the provision of accommodations occur, the student must inform the ADA Coordinator. If the student feels accommodation is not being made appropriately, the student may follow the published Student Grievance Procedures.