COURSE SYLLABUS
COM319: Internet Applications and Development

Course Description

This course introduces students to practical applications for modern Web page design. Practical and theoretical aspects of Web page management will be discussed in conjunction with the latest international standards from the W3C (World Wide Web Consortium).

General Course Information

Number of Units/Weeks	4/0/10
#Hours Lecture/#Hours Laboratory/#Hours Homework	40/0/80
Prerequisite(s)	None
Co-requisites (s)	None
Course Developer(s)	Jason Abel, MS BTM
Date Approved / Last Review	August 2011 / August 2014

Learning Outcomes

- Use correct semantic HTML elements in web documents
- Validate web documents to W3C standards
- Apply the HTML element Box Model to web layouts
- Apply graphical formatting to informational content with CSS
- Critique web documents for quality of construction

Instructional Methods Employed in this Course

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

Information Resources for this Course

📖 **Textbook**

Castro, E. & Hyslop, B., (2011). HTML5 & CSS3 Visual QuickStart Guide (7 ed.). Peachpit Press, Berkley, CA. (978-0-321-71961-4)

🖱 **Optional Web Site Readings**

Companion Site: www.bruceontheloose.com/htmlcss/

Videos (requires textbook registration) www.peachpit.com/register (requires purchase - not required for course)

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 Time**	**LAB Time**	**HW Time**	**Point Value**	**Due**
LEC 1A	Web document structure	2	0	0	15	Wednesday
LEC 1B	Web document critiques	1	0	0	10	Saturday

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
HW 1A	Read chapters 1, 2 & 3 (Evaluated by HW 1B	0	0	9.8	0	
HW 1B	Practical exercise 1	0	0	1.5	50	Saturday
Total Week 1		2.5	0	11.3	75	

Week 2

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 2A	Keeping content current, copyright issues	2	0	0	15	Wednesday
LEC 2B	Feedback	1	0	0	10	Saturday
EXAM 2A	Knowledge check	0.5	0	0	50	Saturday
HW 2A	Read chapters 4, 5 & 6 Evaluated by HW 2B	0	0	7.9	0	
HW 2B	Practical exercise 2	0	0	2	50	Saturday
Total Week 2		3.5	0	9.9	125	

Week 3

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 3A	Cascading style sheets	2	0	0	15	Wednesday
LEC 3B	Styles, cascading behavior	2	0	0	10	Saturday
HW 3A	Read chapters 7 & 8 Evaluated in HW 3B	0	0	3.3	0	
HW 3B	Practical exercise	0	0	4	50	Saturday
Total Week 3		4	0	7.3	75	

Week 4

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 4A	Tip guides	2	0	0	15	Wednesday
LEC 4B	Source your tips	2	0	0	10	Saturday
EXAM 4A	Knowledge check	0.5	0	0	50	Saturday
HW 4A	Read chapters 9, 10 & 11. Evaluated in HW 4B	0	0	11.3	0	
HW 4B	Practical exercise	0	0	3	50	Saturday

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
Total Week 4		4.5	0	14.3	125	

Week 5

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 5A	Web validation	2	0	0	15	Wednesday
LEC 5B	Feedback	1	0	0	10	Saturday
HW 5A	Publish webpage	0	0	3	50	Saturday
Midterm 5	Midterm Exam	2	0	0	50	
Total Week 5		5	0	3	125	

Week 6

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 6A	Mobile web	2	0	0	15	Wednesday
LEC 6B	Troubleshooting mobile web	2	0	0	10	Saturday
HW 6A	Read chapters 12, 13 & 14. Evaluated in HW 6B	0	0	6.9	0	
HW 6B	Practical exercise	0	0	3	50	Saturday
Total Week 6		4	0	9.9	75	

Week 7

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 7A	Incorporating multimedia	4	0	0	15	Wednesday
LEC 7A	Common problems	2	0	0	10	Saturday
Quiz 7A	Knowledge check	0.5	0	0	50	Saturday
HW 7A	Read chapters 15, 16 & 17. Evaluated in HW 7B	0	0	9.1	0	
HW 7B	Practical exercise	0	0	3	50	Saturday
Total Week 7		6.5	0	12.1	125	

Week 8

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 8A	Using scripts	4	0	0	15	Wednesday
LEC 8A	Feedback	2	0	0	10	Saturday
HW 8A	Read chapters 18 & 19. Evaluated in HW 8B	0	0	1.5	0	
HW 8B	Practical Activity	0	0	4	50	Saturday
Total Week 8		6	0	5.5	75	

Week 9

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
Class discussion 9A	Publishing to the web	3	0	0	15	Wednesday
Class discussion responses 9A	Justifying your webhost	1.5	0	0	10	Saturday
EXAM 9A	Knowledge check	0.5	0	0	50	Saturday
HW 9A	Read chapters 20 & 21. Evaluated in HW 9B	0	0	2.3	0	
HW 9B	Practical Activity	0	0	5	50	Saturday
Total Week 9		5	0	7.3	125	

Week 10

Type	Topic/Description	LEC Time	LAB Time	HW Time	Point Value	Due
LEC 10A	Self-Examination - Lessons learned	3	0	0	15	Wednesday
LEC 10B	Doing it over, right	2	0	0	10	Wednesday
EXAM 10A	Final Exam	1	0	0	50	Wednesday
Total Week 10		6	0	0	75	

Course Hours Summary

Week	Topic	LEC Time	LAB Time	HW Time
1	Web Pages & Structure	2.5	0	11.3
2	Web Page Content	3	0	9.9
3	CSS - Creating Style	4	0	7.3
4	Working the CSS	4.5	0	14.3
5	Validation	5	0	3
6	Challenges and New Tools	4	0	9.9
7	Advanced Web Content	6.5	0	12.1
8	Tables & Scripting	6	0	5.5
9	Launching	5	0	7.3
10	Evaluation	6	0	
Total		46.5	0	80.6

Table/Point Breakdown

Week	Assignment	Possible Points	Percent of Grade
1	Class discussions	235	23.5%
1	Practical Exercises	450	45%
2	Quizzes	200	5%
5	Midterm exam	50	5%
10	Self-Examination	15	1.5%
10	Final exam	50	5%
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:

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
N/A	INC	0
N/A	W	0
60 or above	CR	0
59 or below	NC	0
N/A	I	0
N/A	W	0
N/A	AU	0
N/A	TR	0
N/A	WV	0

Legend	
CR = Credit	NC = No Credit
I = Incomplete	W = Course Withdrawal
AU = Audit	TR = Transfer Credit

WV = Waiver

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.