COLEMAN UNIVERSITY

San Diego CA

COURSE SYLLABUS

COM 287 INTERNET PROGRAMMING I

COURSE DESCRIPTION

This course introduces students to the world of e-commerce creating the foundation for the design, implementation, and maintenance of effective Web pages in support of business objectives and goals. The student gains skills in the use of Hypertext Markup Language (HTML), JavaScript, and cascading style sheet language as well as a foundation in the principles of e-commerce.

GENERAL COURSE INFORMATION

Number of Units / Weeks	4 / 10
# Hours Lecture / # Hours Laboratory	30 / 20 / 60
Prerequisite(s)	None
Course Developer(s)	Charlie Morgan, B.A.
Date Approved / Last Review	November 2000 / August 2014

LEARNING OUTCOMES

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

- Use HTML and XHTML to create websites
- Create web documents compliant with the XHTML Transitional DTD and validate those pages
- Use HTML tables, frames and CSS to format web pages
- Create well-formed and valid XML documents using internal and external namespaces and DTDs
- Use XML to describe data and format it for display with CSS

INSTRUCTIONAL METHODS EMPLOYED IN THIS COURSE

A number of instructional/learning methods are employed in this course, including the following:

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

INFORMATION RESOURCES FOR THIS COURSE

Textbook

Carey, P. (2010).*Creating Web Pages with HTML, XHTML, and XML (4th Ed.).* Florence: Cengage Learning

Other Materials

Coleman College. The College Writer's Guide. San Diego: Coleman College, 2009.

Web Site Readings

W3 Schools. Home Page.
http://w3schools.com
Retrieved September 11, 2009

World Wide Web Consortium. Home Page.
http://www.w3c.org
Retrieved September 11, 2009

COURSE OUTLINE

WEEK	TOPIC	READING	ACTIVITIES	PROJECT ASSIGNED
1	Creating Web Pages	Tutorials 1 & 2	**Read:** Tutorials 1 & 2 116 pages: 11.6 hours **Review Questions:** Tutorials 1 & 2 50 Questions: 3.3 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorials 1 & 2 4 hrs **Evaluation :** graded, 2 points **Project 1:** Basic Web Page: 2.5 hrs **Evaluation :** graded, 5 points
2	Creating Web Sites	Tutorials 3 & 4	**Read:** Tutorials 3 & 4 150 pages: 15 hours **Review Questions:** Tutorials 3 & 4 50 Questions: 3.3 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorials 3 & 4 4 hrs **Evaluation :** graded, 2 points **Project 2:** Basic Web Site: 2.5 hrs **Evaluation :** graded, 5 points
3	Using Cascading Style Sheet Language	Tutorial 5	**Read:** Tutorial 5 75 pages: 7.5 hours **Review Questions:** Tutorial 5 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 5 2 hrs **Evaluation :** graded, 1 point **Project 3:** Web Page with Styles: 2.5 hrs **Evaluation :** graded, 5 points
4	Graphical Tables	Tutorial 6	**Read:** Tutorial 6 63 pages: 6.3 hours **Review Questions:** Tutorial 6 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 6 2 hrs **Evaluation :** graded, 1 point **Project 4:** Web Page with Tables: 2.5 hrs **Evaluation :** graded, 5 points

WEEK	TOPIC	READING	ACTIVITIES	PROJECT ASSIGNED
5	Web Forms	Tutorial 8	**Read:** Tutorial 8 47 pages: 4.7 hours **Review Questions:** Tutorial 8 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 8 2 hrs **Evaluation :** graded, 1 point **Project 5:** Web Page with Forms: 2.5 hrs **Evaluation :** graded, 5 points
6	Designing with Frames	Tutorial 9	**Read:** Tutorial 9 38 pages: 3.8 hours **Review Questions:** Tutorial 9 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 9 2 hrs **Evaluation :** graded, 1 point **Project 6:** Web Page with Frames Page: 2.5 hrs **Evaluation :** graded, 5 points **Midterm Exam:** 15 points
6	XHTML Compliance	Tutorial 11	**Read:** Tutorial 11 45 pages: 4.5 hours **Review Questions:** Tutorial 11 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 11 2 hrs **Evaluation :** graded, 1 point **Project 7:** Validated XHTML Page: 2.5 hrs **Evaluation :** graded, 5 points
7	Styled XML Pages	Tutorial 12	**Read:** Tutorial 12 44 pages: 4.4 hours **Review Questions:** Tutorial 1 2 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 12 2 hrs **Evaluation :** graded, 1 point **Project 8:** XML Page with Style: 2.5 hrs **Evaluation :** graded, 5 points

WEEK	TOPIC	READING	ACTIVITIES	PROJECT ASSIGNED
8	Creating and Using XML Namespaces	Tutorial 13	**Read:** Tutorial 13 59 pages: 5.9 hours **Review Questions:** Tutorial 13 25 Questions: 1.7 hours **Evaluation:** graded, 1 point	**Assignment:** Tutorial 13 2 hrs **Evaluation :** graded, 1 point **Project 9:** Namespace Page: 2.5 hrs **Evaluation :** graded, 5 points
9	Creating Valid XML Documents			**Project 10:** Valid Document with DTD: 2.5 hrs **Evaluation :** graded, 5 points
10	Course Wrap-Up			**Final Exam:** 15 points

Total hours of required reading: 63.7 hours
Total hours chapter/discussion questions: 18.5 hours
Total hours Program sets (Tutorials & Projects)   47 hours – 20 hours lab = 27 hours
Total hours of out-of-class activities: 109.2 hours

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.