

SYLLABUS

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TEC 05500 Section: E80YCode 2943

Course Description:

This course gives you the opportunity to gain experience in designing, creating, reviewing and revising web sites; making informed technical and design choices. This course designed to help you develop both hands-on skills in designing and creating web sites, and to develop sophisticated strategies for web site design and content creation. You will learn to use HTML tags to create Web pages and using styles to format pages. Next, you will learn to use CSS to apply formatting across multiple pages. You will then go on to explore graphics and using links. Finally, you will cover creating tables and forms.

Teaching Methods:

1. **Lectures:** Important material from the text and outside sources will be covered in class. Students should plan to take careful notes as not all material can be found in the texts or readings. Discussion is encouraged as is student-procured outside material relevant to topics being covered.
2. **Assignments:** End of chapter activities and online activities will be assigned weekly to reinforce material in the text. These assignments may require the application of various software packages. Homework will not be graded. However, doing homework and working as many problems as possible are the exclusive ways to learn web design.
3. **Exams: Three exams will be given.** Review will be provided prior to the exam day. The final exam will **not be** comprehensive in nature. However, the instructor reserves the right to retest on material that was not appropriately comprehended. These items will be noted on exam review sheets.
4. **Participation:** Student participation will be graded by the level of class participation and attendance.

Grading Procedure

Grades are calculated from a weighted average of exams, quizzes, presentation, and the final exam.

Exams and Quizzes 40%

Presentation 40%

Final exam 20%

TOTAL 100%

A = 90-100 %, B = 80-89 %, C = 70-79 %, D = 60-69 %, F = 0-59 %

Course Policies:

Missed Classes: The student is responsible for obtaining material distributed on class days when he/she was absent. This can be done through contacting a classmate who was present or by contacting the instructor during his office hours or other times. Missed or late quizzes can not be made up under any circumstances but with good cause and adequate notice, an early quiz may be given. One quiz (lowest score) will be dropped at the end of the semester.

Incomplete Policy: Students will not be given an incomplete grade in the course without sound reason and documented evidence as described in the Student Handbook. In any case, for a student to receive an incomplete, he or she must be passing and must have completed a significant portion of the course.

Tentative Course Schedule

Week	Date	Topic	Assignment
1	Tue.Jan.6	Introduction to the Course Understanding WWW and Internet Difference Development of the Internet Technology behind viewing Web pages (Glossary of the Internet & Web Jargon)	Organizing Files at your website
	Thursday Jan. 8	Usability For the Web <ul style="list-style-type: none"> • Behind the scene (storyboard, outline, diagram) • Designing for multiple Browsers • Target audience-understanding your audience • Design Process (page layout, goal, page layout affect usability) • Navigation • Human Memory Stages of the process Requirement analysis Conceptual design Mockups and Prototypes Production Launch Evaluation	Review Handout
2	Jan. 13	Using HTML Tags to Create Web Pages Basic HTML tags Designing Web pages for multiple browsers Inserting Special Characters Using Images on the Web Horizontal Rule Unordered and Ordered List Working with Search Engines (Meta Tags)	
	Jan. 15	Exam 1 Review Using Styles to Format Web Pages Introduction Cascading Style Sheets (CSS) CSS Styles and Rules Introduction to CSS: What is CSS Why CSS Browser Support Comparing HTML code to CSS Examining CSS styles and Rules Creating Rules Three types of CSS. External, Embedded and Inline	
3	Jan. 20	Exam # 1 Using Styles to Format Web Pages	
	Jan. 22	Using Styles to Format Web Pages	
	Jan. 22	Using Styles to Format Web Pages Introduction Cascading Style Sheets (CSS) Using CSS to Format Multiple Pages CSS Format multiple pages. External style sheet creating the External Style Sheet Code	
4	Jan. 27	Understanding the Cascade in CSS Creating Pseudo Elements Working with ID Selector	

	Jan. 29	Exploring Graphic Elements and Images using CSS Graphic Elements and Images Horizontal rule Border Styles Margin Properties Float Property Take Home Exam # 2 Hands on assignment	
5	February 3	Exploring Graphic Elements and Images using CSS List Appearance Enhancing the Appearance of Lists Nested Definition Alignment Properties Background Properties Background Images- adding background Image or Background Color to other Elements Resizing the browser window	
	February 5	Using CSS for Layout Printing Sizing and Positioning Boxes Creating Banners Using the position Properties	
6	February 10	Using Links on a Web Page Understanding Web site address Creating Links, anchors, using Place Holders Creating Image Maps	
	February 12 and February 16	COLLEGE CLOSED	
	February 17	Project Presentations Last Class	
7	February 19	Final Exam	