

## **Web Authoring (ITSE 2313)**

**Credit:** 3 semester credit hours (2 hours lecture, 4 hours lab)

**Prerequisite/Co-requisite:** None.



### **Course Description**

Instruction in designing and developing web pages that incorporate text, graphics, and other supporting elements using current technologies and authoring tools.

### **Required Textbook and Materials**

1. *New Perspectives on Adobe® Dreamweaver® CS6, Comprehensive* by Hart & Geller, 1st edition.
  - a. ISBN number is 13: 9781133525820
2. Adobe Dreamweaver CS6
3. Web Server

### **Course Objectives**

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

1. Create web pages and supporting elements using current authoring tools.
2. Maintain web pages and supporting elements.

### **Course Outline**

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|---|---|
| <p>A. Getting Started with Adobe Dreamweaver CS6</p> <ol style="list-style-type: none"><li>1. Common Web Page Elements</li><li>2. Evolving Web Design</li><li>3. Dreamweaver Workspace</li></ol> <p>B. Planning and Designing a Successful Web Site</p> <ol style="list-style-type: none"><li>1. Planning a New Site</li><li>2. Creating Information Architecture</li><li>3. Designing a Web Site</li><li>4. Creating a Web Site</li><li>5. Saving a Web Site</li></ol> <p>C. Adding &amp; Formatting Text</p> <ol style="list-style-type: none"><li>1. Adding Text to a Web Page</li></ol> | <ol style="list-style-type: none"><li>2. Formatting Text</li><li>3. Hyperlinks</li><li>4. HTML &amp; CSS Standards</li></ol> <p>D. Using CSS for Page Layout</p> <ol style="list-style-type: none"><li>1. Layout Techniques</li><li>2. Division Tags</li><li>3. Positioning</li></ol> <p>E. Working w/ Graphics &amp; Tables</p> <ol style="list-style-type: none"><li>1. Graphics &amp; Compression</li><li>2. Adding Graphics</li><li>3. Formatting Graphics</li><li>4. Rollovers</li><li>5. Tables</li></ol> <p>F. Creating Reusable Assets &amp; Forms</p> <ol style="list-style-type: none"><li>1. Optimizing For Search Engines</li></ol> |
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- 2. Meta Tags
- 3. Library Items
- 4. Templates
- 5. Forms
- G. Adding Behaviors & Rich Media
  - 1. Behaviors
  - 2. Custom Scripts
  - 3. Adding Media
  - 4. Digital Audio
- H. Creating Responsive Sites, Mobile Sites, & Apps
  - 1. Responsive Web Sites
  - 2. Fluid Grid Design
  - 3. jQuery
  - 4. Mobile Sites
  - 5. Mobile Apps
- I. Adding Database Functionality
  - 1. Databases & Dynamic Pages
  - 2. MySQL
  - 3. Access & ASP
  - 4. Server Behaviors

**Grade Scale**

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

**Course Evaluation**

Final grades will be calculated according to the following criteria:

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|-------------------|-----|
| 1. Daily Work     | 10% |
| 2. Home Work      | 30% |
| 3. Quizzes & Test | 30% |
| 4. Final Project  | 30% |

**Course Requirements**

- 1. Use structured programming techniques
- 2. Develop dynamic content web sites
- 3. Create appropriate documentation
- 4. Create applicable graphical user interfaces.

**Course Policies**

- 1. No food, drinks, or use of tobacco products in class.
- 2. Cellphones, MP3 players, Tablet, Laptops, Notebooks and any other electronic devices must be turned off while in class.
- 3. Do not bring children to class.
- 4. No late assignments will be accepted.

5. Tests. Students that miss a test are not allowed to make up the test. Students that miss a test will receive a grade of '0'.
6. Attendance Policy. Two absences are allowed. If a student is tardy to class or departs early three (3) times, it will be equal to one (1) absence. Each absence beyond two absences will result in a 5 point deduction from your final grade.
7. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an 'F' in the course.
8. Additional class policies as defined by the individual course instructor.

### **Disabilities Statement**

The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the office in Student Services, Cecil Beeson Building.

### **Course Schedule**

<b>Week of</b>	<b>Topic</b>	<b>Reference</b>
Week 1	Course introduction and policies Getting Started with Adobe Dreamweaver	Chapter 1
Week 2	Getting Started with Adobe Dreamweaver	Chapter 1
Week 3	Planning and Designing a Successful Web Site	Chapter 2
Week 4	Adding & Formatting Text Test I	Chapter 3 Chapter(s) 1 - 3
Week 5	Using CSS for Page Layout	Chapter 4
Week 6	Using CSS for Page Layout	Chapter 4
Week 7	Working w/ Graphics & Tables Test II	Chapter 5 Chapter(s) 1 – 5
Week 8	Creating Reusable Assets & Forms	Chapter 6
Week 9	Creating Reusable Assets & Forms	Chapter 6
Week 10	Adding Behaviors & Rich Media	Chapter 7
Week 11	Adding Behaviors & Rich Media Test III	Chapter 7 Chapter(s) 1 – 7

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Week 12	Creating Responsive Sites, Mobile Sites, & Apps	Chapter 8
Week 13	Creating Responsive Sites, Mobile Sites, & Apps	Chapter 8
Week 14	Adding Database Functionality Begin Final Project	Chapter 9 Chapter(s) 1 – 9
Week 15	Final Project	Chapter(s) 1 – 9
Week 16	Final Exam Final Project Due	Chapter(s) 1 – 9

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**Contact Information:**

**Varies by Instructor**