CIS 208   Intermediate Web Development

I. CIS 208 Intermediate Web Development – 3 Semester Hours

II. Course Description
This course builds upon basic skills in Web authoring. Various Web authoring tools are introduced. Upon completion students will be able to use these tools to enhance Web sites.

III. Prerequisite
CIS 207 or equivalent background

IV. Textbook
Textbook: New Perspectives on Microsoft Expression Web 3.0, Comprehensive, 1st Edition
Publisher: Course Technology
Author: Bojack

V. Course Objectives

   A. The student will understand the role of Web authoring environments in assembling complete Web sites.

   B. The student will be able to set up a complete Web site in a professional Web authoring environment.

   C. The student will utilize the Web authoring environment's tools to generate HTML and CSS syntax to accomplish specific goals for individual Web pages and the Web site as a whole.

VI. Course Outline of Topics

   A. The student will understand the role of Web authoring environments in assembling complete Web sites.

        1. The student will be able to explain the advantages of Web authoring environments.

        2. The student will be able to identify shortcomings in the code generated by Web authoring environments.

        3. The student will be able to balance the use of direct code editing with the code generation tools in a Web authoring environment.

   B. The student will be able to set up a complete Web site in a professional Web authoring environment.

        1. The student will be able to locate the commands necessary to establish a site within the Web authoring environment.

2. The student will be able to differentiate between various options offered when creating a new site within the Web authoring environment.

3. The student will be able to place the new site in a desired location on a local or network storage device.

4. The student will be able to establish a hierarchy of folders in the site from within the Web authoring environment.

5. The student will be able to add and remove individual files of various types in an established site from within the Web authoring environment.

C. The student will utilize the Web authoring environment's tools to generate HTML and CSS syntax to accomplish specific goals for individual Web page and the Web site as a whole.

1. The student will be able to apply basic formatting to text on a Web page.

2. The student will be able to select from several different block tags within the Web authoring environment.

3. The student will be able to insert hyperlinks onto a page, specifying the target and title attributes as the hyperlink is added.

4. The student will be able to insert images onto a page, specifying properties as the image is added.

5. The student will be able to insert form elements onto a page.

6. The student will be able to create and modify a table.

7. The student will be able to generate a page with an advanced layout using tables, frames, or CSS positioning tags.

8. The student will be able to create, modify, and apply CSS styles for tags, identifiers, and classes.

9. The student will be able to place CSS styles inline, as an embedded style, or in a separate style sheet file by making a selection within the Web authoring environment.

10. The student will be able to manually edit the HTML and / or CSS code for a page within the Web authoring environment.

VII. **Evaluation and Assessment**
Evaluation and assessment will be determined by the instructor and specified on the instructor's class syllabus. Grades will be based upon following scale: A = 90 – 100%, B = 80 – 89%, C = 70 – 79%, D = 60 – 69%, and F = below 60%.

VIII. **Attendance**
Students are expected to attend all classes for which they are registered. Students who are unable to attend class regularly, regardless of the reason or circumstance, should withdraw from that class

before poor attendance interferes with the student's ability to achieve the objectives required in the course. Withdrawal from class can affect eligibility for federal financial aid.

IX. **Statement on Discrimination/Harassment**
The College and the Alabama State Board of Education are committed to providing both employment and educational environments free of harassment or discrimination related to an individual's race, color, gender, religion, national origin, age, or disability. Such harassment is a violation of State Board of Education policy. Any practice or behavior that constitutes harassment or discrimination will not be tolerated.

X. **Americans with Disabilities**
The Rehabilitation Act of 1973 (Section 504) and the Americans with Disabilities Act of 1990 state that qualified students with disabilities who meet the essential functions and academic requirements are entitled to reasonable accommodations. It is the student's responsibility to provide appropriate disability documentation to the College. The ADA Accommodations Office is in FSC 305 (205-856-7731).