TAFT COLLEGE
West Kern Community College District

COSC 2300 Dreamweaver (3 Units) CSU

Advisory: Eligibility for English 1000 and Reading 1005 strongly recommended

Total Hours: 32 hours lecture; 48 hours lab (80 hours total)

Course Description: This introductory course is designed to present and provide various techniques for planning, building, uploading, maintaining, and updating a web site using the Dreamweaver software program. The course will emphasize methods for designing and creating web pages through the use of Hyper Text Markup Language (HTML), Cascading Style Sheets (CSS), web scripting, and other web technologies. Topics such as integrating images, sound, and other multimedia into web pages using Dreamweaver will be discussed. This course will also address web file management, navigation systems, usability issues, limitations of web technologies, and content management.

Type of Class/Course: Degree Credit

Text: McFarland, David Sawyer. Dreamweaver CS4: The Missing Manual. 1st Ed. California: O'Reilly Media, Inc., 2009.

Course Objectives:

By the end of the course, a successful student will be able to:

1. use Dreamweaver to design and produce visually attractive, usable, accessible, functional, and interactive Web content that takes the end users needs and expectations into account,
2. use Dreamweaver to maintain and update web sites,
3. use Dreamweaver to create web pages that include text, headings, tables, lists, images hyperlinks,
4. use Dreamweaver to add Flash and other multimedia to web pages,
5. use File Transfer Protocol (FTP) client or Dreamweaver to upload/download web pages to a web server,
6. use an external CSS to format the text, colors and link attributes for a web site,
7. combine design concepts and production skills to design, develop, test and implement a web site that is visually appealing and easy to use,
8. use Dreamweaver to create web forms and their correlating validation systems,
9. use Dreamweaver to create interactivity with Spry sets,
10. use Dreamweaver behaviors, and
11. use Dreamweaver to debug common website errors.

Course Scope and Content:

Unit I   Building a Web Page

         A. Dreamweaver CS4 Guided Tour
         B. Adding Text to Your Web Pages
         C. Text Formatting
         D. Introducing Cascading Style Sheets
         E. Links
         F. Images
         G. Tables

Unit II   Building a Better Web Page

         A. Advanced CSS
         B. Page Layout
         C. Introduction to HTML

Unit III   Bringing Pages to Life

         A. Forms
         B. Spry: Creating Interactive Web Pages
         C. Dreamweaver Behaviors
         D. Flash and Other Multimedia

Unit IV   Building a Web Site

         A. Introducing Site Management
         B. Testing Your Site
         C. Debugging errors
         D. Moving Your Site to the Internet

Lab Content: (embedded in the lecture), to include:

1. completing assignments
2. working on projects
3. practicing with the various techniques of building and maintaining a web site.

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 6 hours per week outside regular class time doing the following:

1. Assigned readings from the text
2. Completing the necessary assignments
3. Practical applications of information learned from the class
4. Problem solving activities and exercises
5. Web site projects
6. Studying class materials (videos, code, scripts etc.)

Methods of Instruction:

1. Lectures
2. Online instructor-developed course materials
3. Textbook based videos/code samples
4. Online presentations
5. Group projects

Methods of Evaluation:

1. Exams & Quizzes
   a. Multiple choice
   b. True/False

2. Weekly assignments
   a. Creating new web pages
   b. Updating existing web pages
   c. Correcting errors on existing web pages

3. Web Projects
   a. Personal web site
   b. Contact Us form
   c. Contact Us validation form
   d. Spry navigation
   e. Web Gallery
   f. E-Commerce web site