

**Murrieta Valley Unified School District
High School Course Outline
February 2006**

Department: Business

Course Title: Web Design II

Course Number: 7552

Grade Level: 10 - 12

Length of Course: Semester

Prerequisite: None

Course Description: This course may be taken multiple times for credit.

I. Goals

The student will:

- A. Understand web design principles and constraints
- B. Format a Hyper Text Mark-up Language (HTML) page
- C. Utilize tables in web design
- D. Create advanced web graphics
- E. Create animated links with JavaScript
- F. Create a simple flash animation
- G. Add sound to a web page
- H. Construct an educational web site
- I. Publish a web site for the Internet

II. Outline of Content for Major Areas of Study

- A. Understand web design principles and constraints

1. Understand the difference between HTML and print publishing
 2. Understand the limitations of the web regarding speed versus quality
 3. Evaluate existing web pages
- B. Create a home page using basic HTML tags
1. Create a simple web page with a HTML editor
 2. Add headlines to a page
 3. Format text with font and style tags
 4. Add text breaks and rules to a page
 5. Create ordered and unordered lists
 6. Add images to a page
 7. Add links to a page
- C. Format pages using tables
1. Create a page border using basic table tags
 2. Create multiple columns of text using tables
 3. Set column widths and depths using table elements
 4. Customize table borders using table elements
 5. Use additional table elements
- D. Create advanced graphic images
1. Utilize different image types
 2. Compress graphic images for faster downloading
 3. Create a headline graphic with a drop shadow effect
 4. Create a tiled background image
 5. Create transparent images

- E. Create animated links to other web pages
 - 1. Construct a multi-image button
 - 2. Create a “roll-over” effect
 - 3. Link the button to another page
 - 4. Add the JavaScript code to a web page
- F. Create a web site with animation
 - 1. Create an introduction for a web site
 - 2. Compress the multimedia animation
 - 3. Add animation to a web page
- G. Add sound to a web page
 - 1. Utilize different sound file formats
 - 2. Download a sound file
 - 3. Add a sound file to a web page
- H. Planning a web site
 - 1. Setting the purpose and goals
 - 2. Identify the audience
 - 3. Organize content
 - 4. Use an appropriate style
 - 5. Construct a multi-page educational web site
- I. Publish an educational web site
 - 1. Organize all files for the web site
 - 2. Check for bad links
 - 3. Upload all files to the web site

III. Accountability Determinants

- A. Teacher observations of day-to-day classroom participation, effort, behavior and achievement
- B. Individual performance tests, projects and web site production

IV. Required Text

None

V. Supplementary Materials

Software Utilized:
Adobe Photoshop
Adobe GoLive
Bbedit
Internet Explorer
Macromedia Fireworks
Macromedia Flash
Netscape Communicator