

**Web Design Fall 2009**

**Instructor: Mr. O'Connell**

**Room 117**

Texts:

- Macromedia Dreamweaver MX Hands On Training (Green/Rudner)
- Adobe Photoshop Elements 5.0 Classroom in a Book (Adobe Systems)
- Macromedia MX Introductory Concepts and Techniques (Shelly Cashman Wells)
- HTML Second Edition (Reding/Vodnik)

**Course Outline by Topic:**

**Introduction to Web Design Time Frame:3 Weeks**

- Course Overview
  - Introductory PowerPoint
  - Course Expectations Assignment
  - Class discussion: What do you know about the Internet, the World Wide Web, and Web Page Design?
- Windows Basics
  - Basic Windows Concepts
  - Basic Windows Terminology
  - Windows Explorer: The Key to Folder and File Organization and Management
    - Starting Windows Explorer
    - The Windows Explorer main window
      - One window, two panes
      - The basic function of the right and left panes
      - The Directory Tree
      - File management
      - File conventions
    - The Title Bar
    - The Menu Bar
    - The Standard Bar (a.k.a. The Tool Bar)
    - The Address Bar
    - The Status Bar
    - Windows Explorer's views
      - The View Menu
    - Selecting Files
    - Files and Folders:
      - Creating, Copying, Naming, Renaming, Moving, and Deleting
      - The difference between the delete command on a local computer and the delete command on a network

- File and folder properties
  - Types of files
  - Sorting files in the Windows Explorer Details Menu
    - Searching in Windows
      - Assessment: Windows Vocabulary Quiz
- Web Design Basics
  - The four acceptable file-naming conventions for web pages
  - How to bookmark sites in a web browser
  - How to organize bookmarks in a web browser
  - Setting up an account in Gmail
  - Using Google Documents

### **Dreamweaver MX Part One**

- **Background Time Frame:3 Weeks**
  - What is Dreamweaver MX?
  - Round Trip HTML
  - Do You Need to Learn HTML to Use Dreamweaver?
  - HTML Resources
  - What Does HTML Do?
  - What Does HTML Look Like?
  - HTML Deconstructed
  - File-Naming Conventions
  - File Name Extensions
  - What About XHTML?
  - What Does XHTML Look Like?
  - XHTML Code Deconstructed
  - What is XML?
  - Extending Dreamweaver
  - What is DHTML:
  - What is Java Script?
  - What Is a Web Application?
- **Interface Time Frame:2 Weeks**
  - Setting Up Your Workspace
  - The Welcome Panel
  - A Tour of the Interface
  - Windows Interface
  - Macintosh Interface
  - The Insert Bar
  - Types of insert Panel Tabs
  - The Property Inspector
  - The Launcher
  - Customizing the Launcher

- Launcher Shortcuts
- The Document toolbar
- The Document Window
- Document Window Views
- Multiple Document Windows
- Panels and Panel Groups
- Preferences
- External Editors
- Preset Window Sizes
- How to Define your Browser of Choice
- Shortcut Keys
- **Site Control Time Frame:2 Weeks**
  - What is a Local Root Folder?
  - Exercise 1\_Defining a Site
  - Exercise 2\_Relative and Absolute Links
  - Exercise 3\_File and Folder Management
  - Exercise 4\_Understanding Path Structure
  - Different Path Notations
  - Exercise 5\_Using a File Browser
  - Exercise 6\_Creating a Site Map
  - Exercise 7\_Creating a Site Map From Nothing
- **Basics Time Frame:3 Weeks**
  - Exercise 1\_Defining the Site
  - Exercise2\_Creating and Saving a Document
  - File Names versus Titles
  - The Significance of index.html
  - Exercise 3\_Inserting Images
  - Exercise 4\_Inserting Text
  - Exercise 5\_Centering Images and Text
  - Exercise 6\_Modifying Page Properties
  - The Page Properties Panel
  - The Dreamweaver Color Pickers
  - Exercise 7\_Creating Links with Images and Text
  - Exercise 8\_META tags
- **Linking Time Frame:2 Weeks**
  - Exercise 1\_Linking with Point to File
  - Exercise2\_Linking to New Source Files
  - Exercise 3\_Browse for File and the Link History
  - Exercise 4\_Creating Email Links
  - Exercise 5\_Named Anchors
  - Exercise 6\_Image Maps
  - Exercise 7\_Linking to Files

## **Photoshop Elements Part One Time Frame: 3 Weeks**

- A Quick Tour of Photoshop Deluxe
- Basic Organization

## **Dreamweaver MX Part Two**

- **Typography Time Frame:2 Weeks**
  - CSS Versus Font Element
  - A Word about FONT FACE
  - HTML Default Text Size
  - Exercise 1\_Adding and Formatting HTML Text
  - Exercise 2\_Font Lists
  - Exercise 3\_Aligning Text
  - Aligning Text and Images
  - Exercise 4\_Ordered, Unordered, and Definition Lists
  - Exercise 5\_Color Schemes
  - Exercise 6\_Formatting Text in Tables
  - Exercise 7\_Applying HTML Styles
  - HTML Style Options
  - What is Flash text?
  - Exercise 8\_
  - Creating Flash Text
- **Tables Time Frame:2 Weeks**
  - **What is a Table?**
  - Exercise 1\_Changing the Border of a Table
  - Exercise 2\_Sorting the Table
  - The Sort Table Dialog Box
  - Exercise 3\_Changing the Color Scheme
  - Exercise 4\_Creating and Modifying a Table
  - Exercise 5\_Aligning Images and text with Tables
  - Exercise 6\_Percentage-Based Table Alignment
  - Exercise 7\_Seamless Image Assembly
  - Exercise 8\_Combining Pixels and Percentages
  - Exercise 9\_Inserting Tab-Delimited Data
  - Import Tabular Data Settings
  - Exercise 10\_Nested Tables and Borders
  - Exercise 11\_Round-Corner Tables
- **Layout Time Frame:2 Weeks**
  - **What are tracing images, Layers, and tables?**
  - Exercise 1\_Applying a tracing image
  - Tracing images, background colors, and images
  - Exercise 2\_Adding Layers

- Exercise 3\_Converting layers to tables
- Convert layers to table options
- Exercise 4\_Converting tables to layers
- What is the Layout View?
- Layers to tables versus layout view
- Exercise 5\_layout tables and layout cells
- **Rollovers Time Frame:2 Weeks**
- Rollover Rules
  - Exercise 1\_Creating a Simple Rollover
  - Exercise 2\_Animated Rollovers
  - Exercise 3\_Creating Pointer Rollovers
  - Exercise 4\_Creating Multiple-Event Rollovers
  - What are Flash buttons?
  - Exercise 5\_Creating Flash Buttons
  - Exercise 6\_Inserting a Navigation Mar Rollover
  - Different Rollover States
  - **Cascading Style Sheets Time Frame:2 Weeks**
    - Support for CSS
    - Levels of CSS
    - The Cascading Part of Style Sheets
    - Types of Style Sheets
    - Anatomy of a Style Sheet
    - Exercise 1\_Redefining HTML with style sheets
    - Exercise 2\_Defining a Custom Class
    - Exercise 3\_Using Selectors to Group Tags
    - Exercise 4\_Affecting Links with Selectors
    - Redefine HTML, Custom Class or Selector?
    - Exercise 5\_Linking to a Style Sheet
  - **Templates/Libraries Time Frame:2 Weeks**
    - Exercise 1\_Templates in Action
    - Exercise 2\_Creating a New Template
    - Exercise 3\_Modifying a Template
    - Exercise 4\_Library Items in Action
    - Exercise 5\_Creating a Library Item
    - Exercise 6\_Modifying a Library Item
- **Plug-Ins Time Frame:2 Weeks**
  - Plug-Ins Require Viewer Participation
  - Exercise 1\_Linking to Sounds
  - Different Sound Formats
  - Exercise 2\_Embedding Sounds
  - Exercise 3\_Inserting Flash Content
  - Exercise 4\_Inserting Director (Shockwave) Content

- What Is QuickTime?
- Exercise 5\_Inserting a QuickTime Movie
- **Getting It Online Time Frame:2 Weeks**
  - Free Web Hosting with Tripod
  - Free Web Hosting with Comcast and other Internet Service Providers
  - Exercise 1\_Signing Up With Tripod
  - Exercise 2\_Setting the FTP Preferences
  - What is FTP?
  - Exercise 3\_Putting Files onto the Web Server
  - Exercise 4\_Getting Site Reports
  - The Reports Dialog Box

**Photoshop Elements Part Two Time Frame: 2 Weeks**

- Adjusting Color in Images
- Fixing Exposure Problems
- Repairing and Retouching Images
- Working with Text
- Combining Multiple Images
- Advanced Editing Techniques

**Dreamweaver Help Time Frame: 1 Week**

**Dreamweaver and Accessibility Time Frame: 1 Week**

**Dreamweaver and Photoshop Time Frame: 1 Week**

**Focus on HTML Time Frame: 1 Week**

- Introduction
- Creating an HTML Document
- Formatting Text With HTML
- Adding Graphics and Media
- Using Forms to Control Input
- Working With Tables
- Controlling Page Layout
- Designing Web Pages
- Scripting for HTML

**Individual Student Projects: Planning, Designing, Developing, and Maintaining Your Own Web Site  
Time Frame: 2 Weeks**