**CS2010  
Final Project  
Project Points: 205  
Project Presentation Points: 50**

# Final Project & Presentation

## Overview

The final project will demonstrate your ability to apply the techniques learned throughout the course during the lab assignments.

The project will be a web site of your choice. It can be a personal hobby, a business, blogging, etc. Examples of sites you could create include a photography website, a travel web site, a blogging site of artwork, a museum focused site, etc. You are encouraged to use the various assets from the book source materials such as images, icons, video, information, etc. The assets are found in the **Project\_Assets.zip** file or you may wish to use your own images, icons, and other assets. If you use your own, you will need to make sure your images are optimized for displaying on the web.

The project is due the final module of the course along with a presentation that you will give as if you were presenting to a potential client or business partner. The project will be zipped into a single file along with the presentation and uploaded into the assignment area. The project will also be published to your web server and used during the presentation of your website to the class.

Grading will be:

* 5 points – Excellent
* 4 points – Above average
* 3 points – Average
* 2 points – Below average
* 1 point – Poor quality
* 0 points – Missing or unacceptable

## Project Requirements and Points

| **Item** | **Points** |
| --- | --- |
| Create at least five pages for your site. (5 pts per page) | 25 |
| Provide 5 instances of inline styles. | 5 |
| Provide 1 page that utilizes embedded styles. Should have at least 3 CSS styles. | 5 |
| Each page should have link to common external stylesheet. | 5 |
| Each page must have a page title element inserted into the HTML. | 5 |
| A graphical or textual heading that is consistent throughout the site. | 5 |
| A link to another website that opens in a new window. | 5 |
| The five pages should be linked to each other by textual links that will be used as a site navigation menu. | 5 |
| Include at least one table. Table must have heading and at least 3 columns and 3 rows (in addition to the header row or column). | 5 |
| Insert at least five images (png, jpg, gif). One can be the header. Icons are not counted for this. | 5 |
| At least one, when clicked, will display a larger image in a new window. | 5 |
| One page will be long with at least two anchor links at the top that scroll the page down to a section. | 5 |
| On the long page with anchor links, there will be at least one return to top link. | 5 |
| Include an unordered list of at least 5 items. Navigation does not count for this item. Do not use default bullets. | 5 |
| Each page will have an H1 heading near top of page. | 5 |
| At least three pages will have an H2 subheading. | 5 |
| Content, actual or lorem ipsum, will exist on each page. (5 points per page) | 25 |
| Nested list within either an ordered or unordered list. | 5 |
| Three links within the content area to other pages on the site. | 5 |
| Include a form on one page. | 5 |
| Include a text form field on the form. | 5 |
| Include a list/menu on the form. | 5 |
| Include a radio group on the form. | 5 |
| Include a check box on the form. | 5 |
| When submitting, at least two of the fields on the form must be required. If they are not completed, then an appropriate message is displayed. Use client-side validation. | 20 |
| Include Submit and Reset buttons on the form. | 5 |
| Create a form processing page in PHP that will display the contents of the submitted form back to the user in a page style that is the same as the rest of the site. | 20 |
| **Project Points Total** | **205** |

Some items that will affect the scoring of the project include:

* Spaces in filenames
* Spaces in folder names
* Incorrect name for homepage such that the home page will not display by default
* Broken links
* Broken images
* Incorrectly linked external files
* HTML validation errors that should be corrected
* CSS validation errors that should be corrected

## Presentation Requirements and Points

You will give a presentation of your website and do a walkthrough as if you were presenting to a potential client or business partner. Prepare a PowerPoint presentation that outlines the highlights of the site, its focus, and some of the unique features of your site. Use a screen capture software like Screencast-O-Matic to record your narration of your PowerPoint presentation.

**Project presentation points: 50**