At-Home Final Exam Project Instructions

The At-Home Final Exam Project allows you to demonstrate what you have learned in this course. It will cover elements from every lesson, with emphasis on your HTML construction skills, your search skills, and your ability to apply the concepts you have learned to create a Web site. You will be graded on all of these component skills.

This Final Project will account for 35% of your total grade (180 points) and is based on your ability to build a Web site. Remember to keep your viewers in mind and create a Web site that will encourage them to return to the site or become your customers. This is the time to do your best work and demonstrate your knowledge.

Ice Cream Shoppe

Scenario: You are a Web developer, and a family member comes to you for help with creating a Web site for a new business – an ice cream store. The name of the store is {Your Last Name} Ice Cream Shoppe (fill in your last name – e.g., if your last name is Doe, the business would be called Doe’s Ice Cream Shoppe).

Note: You are required to use a text editor when creating this project. You may not use Web building software including SeaMonkey, Mozilla, Dreamweaver, Opera, etc.

Your objective is to create a three-page Web site for the Ice Cream Shoppe. Create a folder called “{Your Name} Ice Cream Shoppe” and place all necessary HTML files, images, and any other files required to properly display your Web site into the folder.

Required Information

For each of your Web pages, you will determine the font size, style, color, background, and layout. The following must be included on each page:

- Required HTML elements (including <title> elements)
- The name of the company - You determine the heading size, font, and text decoration.
- Navigation link(s) with the hover effect applied
  - Insert an HTML comment indicating the beginning and the end of the navigation bar.
  - Apply 50 pixels of spacing between the words in the navigation bar.
- Copyright information, with the year and your full name at the bottom of the page. Apply italics to the year and your name - use the heading 5 style.
- Meta tags for keywords and descriptions on each page
- A background color of your choice (other than the default white)
- Appropriate font style, size, and text color on each page
- Other information appropriate for your Web site

In addition to the above, at the top of each page, insert an HTML comment with the following information:

- Your first and last names
- Your MEID #
- Your course and section (e.g., CIS133DA 12345)

Index

Type an introduction that welcomes viewers to {Your Last Name} Ice Cream Shoppe and includes a minimum of 50 words, centered on the page. You determine the font size, style, and color. You must include the following components:

1. Company information:
   a. When the company started
   b. How long the company has been in business
   c. The inspiration for starting the company
   d. Any other information that will appeal to a viewer

2. A mouseover that swaps the two images to show off some of the products
   - Create an HTML comment referencing a description of where you found each image.

3. An HTML comment describing the function of the mouseover

4. A button that displays a message when clicked
Product Information

You must include the following components:

1. An appropriate title for this page below the navigation bar. Position the title and apply an appropriate heading and formatting.

2. A formatted table with the following elements:
   a. The heading with the product name inserted in the first row/column of the table
   b. A minimum of four (4) product images
      • Create an HTML comment referencing a description of where you found each image.
   c. A description of each product
   d. The cost per quantity of each product
   e. An appropriate border applied to the table and any additional formatting to fit the design of the site

Contact Information

You must include the following elements:

1. An appropriate title for this page below the navigation bar. Position the title and apply an appropriate heading and formatting.

2. Contact information:
   a. An address
   b. A telephone number
   c. Hours of operation
   d. An email link with the subject as Contact
   e. Any other appropriate information

3. A heading of Join us on: with a minimum of three (3) links to social media websites of your choosing, like Twitter, Facebook, etc.
   a. Insert an HTML comment explaining why you chose the Web sites.
   b. Convert the three external links to a list of your choosing (i.e., ordered, unordered, etc.).

4. A horizontal line below the last external link.

5. Below the horizontal line, in your own words, information informing the viewer that you are accepting applications for a counter person and that the candidate can apply for the position by submitting his or her résumé via email
   a. Provide the title of the position with the heading 4 style.
   b. Include information about the position, such as salary, hours, experience, education, and any other information that a potential employee would find helpful.
   c. Modify your name as an email link using your Rio Salado email address and the subject “Apply for (insert title of position).”

Once you have finished building your Web site make sure all files are in the {Your Name} Ice Cream Shoppe folder. Preview your site in a browser to make sure everything is working properly. Then, zip the folder as described in the Syllabus. Submit your At-Home Final Exam Project to your instructor as directed within the lesson.