

**CPT-2750 HTML5 & CSS3**  
**Final Project Requirements 2017**  
**Worth 250 Points**

You are to create an electronic portfolio Web site for yourself that includes samples of work. If you are not a digital media major, you may find a company in the community to create a website for, create a website about yourself, or about your major. For non-digital media majors, your website must consist of a home page and at least five other pages. HTML and CSS must be used to create your website. Create a folder on the i:/zetsu drive inside your CPT2750 folder and name it FINALPROJECT and your last name. For example, mine would be FINALPROJECTMiller. Inside this folder should be your index page (home page), all remaining pages and any Asset, Media and Script subfolders. Any material you use for your website must be housed inside your FINAL PROJECT folder, and if appropriate inside the proper subfolder.

**THE REQUIREMENTS FOR YOUR WEBSITE ARE AS FOLLOWS:**

**Adobe Illustrator:** include three samples of work completed using Illustrator.

**Adobe InDesign:** include three samples of work completed using InDesign.

**Adobe Photoshop:** include three samples of modified photos. You will want to include the original files as well as the completed files, showing your work.

**Adobe Premiere:** include two videos completed using Premiere. One sample must be a video of yourself, a vacation you took, or a hobby of yours (you may use your final project from Premiere class). Both video samples must be in MP4 format.

**Adobe After Effects:** include two animations created with After Effects.

**Adobe Animate CC:** include two animations created with Animate.

**Microsoft Word:** complete a resume detailing educational and employment history and include it with an About Me page or Contact Me page.

**Other:** If there are any misspelled words or typographical errors, you will not receive a letter grade of an A on the project. **Again, you cannot have any misspelled words or typos anywhere in your project.**

You can include any other files/projects that you have created and deem worthy to show an employer.

**REMEMBER:** You will be uploading this website to our server to enable you to show the website to perspective employers. Be sure and make the website as professional looking as you possibly can.

1. The first thing you need to do is to complete the Web Project Case Study on page 106-108 in your book. This provides an outline for your final project. Complete steps 1 and 2. Print out your typed answers in paragraph form and turn them in along with your sitemap (step 3) and wireframe (step 4). This is due when you come to class January 31, 2017. (25 points)
2. Your index page should be a fluid layout with responsive design and contain the following:

- a. A logo for your company or your personal logo for your e-portfolio.
  - b. A navigation bar with the proper number of buttons that create relative links to the other pages of your website. Create pseudo-class styles using various colors for a link, visited, hover and active links. Pages may open up in the same window or as a new window-you decide and choose the proper coding.
  - c. A picture of yourself, a piece of artwork you created (can be scanned and/or saved as a jpg), and proper text explaining what your website is about and any contact information that you feel is appropriate for the home page. Utilize alt text for your image.
3. Create and link a CSS style sheet to the index page and all other pages. Add various CSS styles and scripts to this sheet. Utilize the CSS styles on each page to create consistency. Include any code necessary for older browsers and various fonts.

Your index page will be presented to your classmates during week 9, on Tuesday, March 14<sup>th</sup>. Come to class with all of your files and be ready to present. Load the files into your Final Project folder on the i:/zetsu drive. (25 points)

4. Be sure your website is responsive to all browser sizes and meets accessibility standards.
5. Be sure to title all your pages.
6. Use a proper background or background color on each page.
7. Create an absolute link on any page that links to either the James A. Rhodes State College Web site or another Web site that is applicable to your site.
8. Create an e-mail link for contact purposes on the index page (or resume page if completing your e-portfolio) using your name as the linked text and your Rhodes email address as the link.
9. Headings on the pages should be formatted appropriately (heading1, heading2, etc.).
10. A list must be utilized on at least one page, either ordered, unordered, or a description list.
11. At least one page should utilize tables and be properly formatted with CSS.
12. One page should be a form page, utilizing CSS code for required fields as well as the necessary radio buttons, check boxes, drop-down menus, submit, and reset/clear buttons.
  - a. For example, this page could be an informational page that people can use to email you for additional information. Make the appropriate cells for name, address, city, state, zip code, email, comments and any other information pertinent to your particular website. Make sure some information is required and that your website checks for the required information before submitting. Verify that required fields are working by reviewing your website and form page in Firefox.
13. Add a media object to at least one page with controls. Those of you creating your digital media e-portfolio will have more than one video. Be sure to add video support for older browsers.

14. There should be images on every page, utilizing alt text. If you feel an image is not appropriate for one page, then utilize a logo on that page. Use proper alignment and page flow CSS code for all images.
15. Make sure you optimize your website to improve the accuracy of search engines by utilizing indexing, meta elements (descriptions).
16. Make sure you validate and debug your site and test it on the four various browsers before presentation day.

#### **ENHANCEMENTS/EXTRAS TO CONSIDER**

- Drop down menus.
- Linking to a PDF.
- Utilizing anchors.
- Using favicons.
- Stacking elements.
- Rounding pages.
- Add transitions.
- Using opacity to create figcaptions and/or links.
- Accenting text and/or boxes with shadows.
- Flash text, sound, buttons or After Effects.
- Sound (with controls)
- Using java scripting, create a thank you alert box, thanking people for asking for additional information and visiting your website.
- Any Web 2.0 components (Twitter, Facebook, YouTube, RSS Feeds) can be linked to the web site you are creating.
- Sprites
- Geolocations
- Create a sitemap file. Create a robots.text file for any pages you don't want indexed by search engines.

**You will present your final Web site to your peers and other Rhodes faculty members and employees on Tuesday, April 18th.**

Make sure your Web site is in working order with the proper file management utilized. All web pages, images and any files used in the web site must also be in the proper folder for proper Web review. Once your project is on the i:/zetsu drive, reopen your web site and make sure all your links work correctly.

Once the e-portfolios are uploaded to our server, you can present your site to the class on presentation day via your live website.

If only the required elements are included and used correctly and the overall appearance of the web site is well done, the student will receive a grade up to a B average. To receive a grade of an A average, the student must go above and beyond just including the required elements and include extras and show creativity in their project.

***Have fun with it. Remember, there are no boring projects, only boring designers!***