WEB 210 Final Project

1. **5 Pages** - You must create a web site of at least 5 pages.
2. **Typed Report** - You must submit a typed page with the following labeled sections:
   - **mission/purpose statement** - Pretend that this site specification is used as part of a business proposal to gain venture capital needed to produce the web site.
   - **audience description** – Make sure that your audience description is thorough including the abilities, experience, & demographics of your audience as well as any anticipated hardware/software issues and limitations.
   - **List of required elements** – Explain exactly where in your Web site, you used three or more of the techniques or items from #14 below.
   - **Web site highlights** – Fully explain and justify how your site illustrates the main objectives of WEB 210. Your answer to this paragraph will demonstrate how well you've understood the main issues in this course and how you were able to apply them to this final project. Be sure to answer questions such as the following but it is recommended that you review the objectives listed in each page of chapter lecture notes.
     - What browser(s) and version(s) is your site optimized for?
     - Did you follow the lowest-common-denominator approach to Web design with regards to browser, platform, color resolution, etc.?
     - What flowchart structure (linear, web, hierarchy, etc.) does your site use and explain why?
     - How did you construct your navigation system (mainly use Fireworks or Dreamweaver, slice graphics, export Fireworks HTML, etc.)?
     - Where do you feel the user's eye first goes when viewing your home page?
     - etc.
3. **Flowchart** - You must submit a site flowchart with icons and filenames for all of the pages in your site. Show the existence of folders that are found within your site's root folder.
4. **Storyboard** - You must submit at least one page storyboard that identifies sizes of main elements on the page as well as RGB color values. This does not have to be the storyboard for the home page.
5. **Use of CSS** - Two or more of your pages must externally link to a .css style sheet and make use of one or more custom classes.
6. **Page Layout** - The page layout must contain a balance of consistency and variety and a healthy dose of active white space. However, you may use some placeholder text and graphics to identify areas of web pages that you didn't have time to produce for this project. A grid (i.e. probably an HTML table but maybe CSS layers) must be used in the layout design for one or more pages.
7. **Functionality/Usability/Accessibility** - The web site must be easy for your audience to understand and navigate. In other words, you will be graded on the site's usability. Run your site through Bobby and fix as many errors as possible. Your site should meet most of the W3C's Accessibility QuickTips even if it is not a Federal agency's Web site.
8. **HTML Source Code** - The HTML source code must be adequately documented and it must be relatively easy for other web designers to read. There should not be any extraneous HTML code.
9. **Navigation System** - The navigation system must be effective. You must follow navigation principles that were studied in this course however you may build any

kind of navigation system. One or more navigation links or buttons may be linked to placeholder pages as long as your overall site consists of 5 or more pages.

10. **Typography** - Fonts, typefaces, and font sizes must be used appropriately. Control fonts with CSS and avoid the deprecated `<font>` element attributes as much as possible.

11. **Graphics** - Graphics must be used appropriately with regard to file size, resolution, color palette, purpose, alt text, etc. You may use a few image placeholders in the final project. You must document the use of copyrighted graphics in your HTML source.

12. **Color** - Your site must use color appropriately. Your site should use CSS to define colors where it is efficient to do so. The color scheme must be aesthetically pleasant.

13. **Search Engine Placement** - Your site must use appropriate `<meta>` elements for search engine placement.

14. **Use 3 or More of the Following** - Your site must use 3 or more of the following:
   - an "autostretch" table column for a relative-width table
   - 2 or more pages based on a Dreamweaver template (submit the template but don't count it as one of your 5 required pages)
   - an HTML form
   - browser detection
   - an image swap behavior (e.g. JavaScript rollover, disjoint image swap)
   - a client-side image map
   - CSS layers
   - a site-wide Atomz.com search
   - or any other significant element with prior instructor approval

15. **Submission** -
   - Submit the printed typed report (#2 above), stapled if it's 2 or more pages.
   - Submit each of your 5 required pages stapled in front of its HTML source code printout. Clearly mark or highlight the filename of each page on every printout. It is understandable if pages don't fit perfectly on printed paper in either portrait or landscape orientation.
   - Turn in a floppy disk or CD that ONLY contains the files associated with this web site. The disk or CD must be labeled with your name & "WEB 210 Final Project".
   - The paper printouts and the disk should be stored in a **folder or binder** labeled with your name and "WEB 210 Final Project". Securely enclose the floppy disk or CD so that it will not fall out (e.g. staple a Ziploc sandwich bag to the inside the folder).
   - *If the RACC studentwebsrv is available*, upload the web site to your folder on our class Web server by the due date. Test the uploaded site to make sure that the hyperlinks and any other interactive elements work properly.