

Project Web1

Due Date: February 14

Purpose

This assignment is a start to your web designing career. You will write two web pages: one will be your home page for the course, and the second will be a redesign of a web page that you've visited many times before.

Requirements

You are to create two web pages: your home page and a course page. Write your pages using Komodo or other software tool (using Komodo is not strictly required). All of your files must be stored on our server: `cs.wheatoncollege.edu`. Transfer all of your files to the server via ftp software (FileZilla or equivalent). On the server, you should organize your files according to the requirements below. Follow the specifications below for the content for each of the pages.

Home Page

Your home page should include the following:

- some sort of custom banner/header that includes graphical elements at the top of the page
- a title
- your name
- the course name and number
- a blurb about you, specifically about your career interests in a computing field
- a section of links to forthcoming projects, including an active link to the additional page described below. Other links can be placeholders to be filled in later.

This file **must** be named `index.html` and be stored in your `\www` directory. This information should be displayed neatly using a simple but effective organizational plan. Good creativity and design count!

Research Page

You are to redesign my research page (`cs.wheatoncollege.edu/mgousie/research.html`). Your page should include all of the sections and data that are currently on the page (this won't change during the assignment period). Remember that if you can see something on a web page, it is public, so you can cut-n-paste the data. We haven't covered JavaScript, so your new navigation section does not have to be fancy (i.e., animated). You should also **not** include my banner and the navigation bar that is on that page.

In general, the page should include:

- a custom header with my ("my" refers to Prof. Gousie) name and information
- new navigation to my other courses (and other stuff?)
- navigation back to your home page
- all of the links

- all of the images
- at least one table
- navigation at the bottom of the page

Both Pages

- Both pages should use HTML5 and CSS (to the extent that we have covered CSS).
- Both pages should pass the HTML and CSS validators with no issues.
- These and all of your pages this semester should **follow the design principles covered in class and in the Lynch & Horton text**, such as good use of color, balance, fonts, alignment, etc. Design the pages as if they were to be viewed on a good-size laptop or desktop screen; do not incorporate responsive web design (RWD). Your pages should also have proper spelling, punctuation, and grammar.

Notes

- The way to produce a web page is to come up with a design **first**, then figure out the HTML and CSS to implement your ideas.
- This project is not difficult, but can still take some time.
- Do not forget design aspects, as these will be a significant portion of your grade. This is especially true of the research page; it should look quite different than the current page and still follow good design practices.

Project Submission

For full credit, you must be sure your web pages and all necessary files are stored in your web space on the cs server by 11:59:59 PM on February 14th. The file `index.html` should be stored in the `\www` directory on the server; all other files should be stored in a separate folder(s). Keep your space on the server organized! **The organization of your file space will also be a portion of your grade.**

Remember to try out your pages by pointing your browser to:

`http://cs.wheatoncollege.edu/~login_name`

This should display your `index.html` file automatically. You can check this from the student links on the course web page as well. If your page does not load, then you have probably stored your files on the server incorrectly, or misspelled a file or folder name. Test all links to be sure they work as you intended.

Submit a screen shot of each page at the beginning of the next class. These do not have to be in color. **Staple** all of the pages together and write your name at the top. Write or print and **hand sign** the Wheaton Honor Code Pledge on what you turn in: "I have abided by the Wheaton College Honor Code in this work."

*The essential test of design is how well it assists the understanding of the content,
not how stylish it is.*

– Edward Tufte