

Project Web1

Due Date: September 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 this course, and the second will be a redesign of a web page of a regional computer science conference organization.

Requirements

You are to create two web pages: your own home page and a page giving information on a regional computer science conference. Write your pages using Phoenix or other editor/IDE. 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 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 in a rather large and interesting font; this may be part of the banner
- 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 `/public.html` directory. This information should be displayed neatly using a simple but effective organizational plan. Good creativity and following design rules both count!

Conference Page

You are to redesign the CCSCNE page (<https://ccscne.org/>). You *might* get some inspiration from the SIGSPATIAL 2025 (Special Interest Group on Spatial data, or GIS) conference page (<https://sigspatial2025.sigspatial.org/>), although that one also leaves something to be desired. Your page should include all of the sections and data that are currently on the CCSCNE 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 or CSS animation, so you don't need to update the functionality of either navigation section or even include any link/button animation.

In general, the page should include all of the data that is currently there, except assume that you're building a page for the **2026** conference, and assume that it will be held here at Wheaton. Don't worry about correct dates; just use the ones there and change the year, or just make up some dates. Changes and/or additions you should implement include:

- a title
- a custom header that incorporates the CCSC logo (CCSCNE is the Northeast region of CCSC; see <https://www.ccsc.org/>)
- new overall style to the page in general
- new style to the navigation items; some way to differentiate the CCSCNE 2026 section from general CCSCNE information is desirable.
- better styling for links
- new images of Wheaton and perhaps better placement/sizes
- don't be afraid to **really** change the design!

Both Pages

- Both pages should use HTML5 and CSS (to the extent that we have covered CSS). Using CSS beyond what we've covered so far is encouraged, but don't use fancy features just because you can...
- 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 Beaird et al and/or Lynch & Horton texts**, 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.

Project Submission

For full credit, you must be sure your web pages and all necessary files are stored in your account on the cs server by 11:59:59 PM on the due date. The file `index.html` should be stored in the `/public.html` 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 COMP 212 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 the two pages at the beginning of the next class. These do not have to be in color. **Staple** 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