



## Major Project 1: Building a Website

### Purpose

The primary purpose of this project is to give you hands-on experience creating a website using technology skills (e.g., HTML and CSS) we covered in class.

### Deliverables

- A zipped file with all HTML, CSS, image files, and other resources (if any)
- A URL to your website on [xxxxx.github.io](https://xxxxx.github.io) (as a comment on the submission page)
  - Notes: The file structure and contents of the ZIP file you upload should be the same as those on GitHub.

### Grade

- 20 points

### Description

Hand-encode (NO Dreamweaver, NO WordPress, NO Square Space! Just you and your text editor!) a valid HTML website containing a 1.) **home page** and 2.) at least **FOUR additional interlinked pages** (for example one page each about your favorite movie, your favorite cuisine, and your favorite book).

Below are the specific requirements for your website. When grading, each bullet point corresponds to a grading criterion. Completing one point will earn the associated points; missing it will result in a deduction. Items not listed will not be considered in the grading (e.g., visual aesthetics of the website).

**Notes:** Unless otherwise specified, each requirement only needs to be implemented once (or the number of times specified in the point description) across the entire website.

For the website, it should contain:

- **5** interlinked pages, **one home page** and at least **FOUR additional pages** (for example one page each about your favorite movie, your favorite cuisine, and your favorite book).

The content of each page is up to you, but your website must include functioning, correctly tagged, accessible examples of:

- an **HTML declaration** (must be present and correct on all pages)
- an **<title> element** (must be present and correct on all pages)
- at least **two levels of heading elements**
- a **paragraph**
- **styling changes** (e.g., bold, size adjustments) in at least **4 elements**
- a **list** (ordered or unordered)
- a **description list**
- **three images** (that is NOT a background image)
- a **hyperlink** to somewhere on the web outside your website (please remember to use meaningful link text for accessibility issues)
- **alt tags** for images to aid in website accessibility
- change **navigation** section (using a <nav> element) on each page of your site containing links to all other pages

ALSO, add an **external CSS stylesheet** to your website that all its pages link to. Minimally, this stylesheet must:

- change the font for at least one element to a **serif font** that is not the browser default, with "serif" as a fallback
- the **background color** of the page OR use CSS to specify a full-page background image
- add **space** (either margin or padding is fine) around the page content
- At least one page has a unique **layout** of content

ALSO, validation of your HTML/CSS code:

- All HTML pages validate (no Errors, but Alerts OK) in <https://wave.webaim.org/>

**Note on using images:**

If possible, try to use images that belong to you (e.g., If you have a page about birds, use photos you have taken)!

If you want to use an image that you don't own, attribution is important...not only because you'll avoid copyright infringement, but it also helps protect the image from improper use and gives "credit where credit is due!"

If you use an image that does not belong to you:

- 1.) Find an image that has an appropriate license (recommended: images with Creative Commons licenses)
- 2.) If you use an image that does not belong to you, please credit the source. If you use an image with a Creative Commons license, follow the format:

"Background image: {title} by {creator} at {URL}, {CC license abbreviation}."

\*For example, "Background image: Flower by Adam Blackbourn at <https://www.adamblackbourn.com/flower.jpg>, CC BY-NC-ND."

For more information on Creative Commons and licensing issues, please visit:

- Description of licenses: <https://creativecommons.org/about/cclicenses/>
- A quick video overview: <https://www.youtube.com/watch?v=srVPLrmlBJY>