

Final Project Specifications:

Required Minimum content:

- 1) Submit a (minimum four page) site. **All of the pages must use a common header, footer, and navigation.**
- 2) The navigation must clearly display the current page.
- 3) Each page should contain a main section that can be reached using a **Jump to Content** option with the first tab on the page.
- 4) With the exception of a landing page, each page must have a minimum of two paragraphs of text or two pictures or a combination of picture and paragraph. This is a minimum.

Required including documentation

- 1) A description of the your responsive design choices and how to trigger them. You are responsible for creating at least two media queries (combined with fluid measurements of course). You must explain how your code improves the page, not just changes it. If you used Bootstrap, that can count as an “extra” but not one of the required two.
- 2) A description of where to find your uses of grid and/or flex box. In addition to the location, you must explain why your choice is the most logical choice for that layout. I expect that at least two containers will use grid or flex or that the same container will be used on multiple pages.
- 3) A description of where to find at least two uses of JavaScript and/or jQuery. In addition to the location, you must explain how your code improves the page. Make sure to clearly indicate whether you wrote the code from scratch or used something you found elsewhere. If you are using something from elsewhere, describe the changes you need to make. This code can be very simple, but must have a purpose beyond demonstrating that you can do it.
- 4) Each page must validate on w3 and aXe. If there are errors on the page (including contrast errors) you must include an itemized list of why each error is not an issue, e.g. background image negates color contrast error. **To repeat, you may NOT have contrast errors.** (If you really like your colors, use w3 to test making them slightly darker or lighter and/or you can increase font size.)
- 5) Great responsive design. I want to be impressed with at least three different behaviors or layouts.
- 6) Visually appealing. Nothing is broken, sloppy, or awkward.

Having this content along with the write-up will earn 160pts. However, deductions will be made if you don't follow good programming/accessibility concepts.

Extras (these should be done without help from the instructors):

For each of these extra you are required to include a comprehensive write-up of what you had to learn, how and where you implemented it in your site, how it makes your site better. You will also need to schedule a time to demo your progress. Those demos will happen from December 3rd to Dec 13th during lecture, discussion, and office hours.

You can sign up in Canvas.

- 1) Fully check your site for accessibility (Worth 20 pts - but requires an extension write-up)

https://accessibility.deque.com/website-accessibility-checklist-download?utm_campaign=Newbie%20Workflow&utm_medium=email&_hsenc=p2ANqtz-97ywurHWdDHb352K4CfQ_h9bmGosU_xaFDqahmYwdYe19Scu7bUqOPwHX6fhJTIDSwpy2eBapBhoiTVMFHO2crMhevBw&_hsmi=67015059&utm_content=67015059&utm_source=hs_automation&hsCtaTracking=9fb2d2bf-f974-4c7e-83af-013ccfc14bb9%7C06ce5202-55af-452c-a4f6-f2a3e784526f

- 2) Include advanced JavaScript or jQuery that we did not do in class together. This is something you must do on your own without help from the teaching staff. Complete a full write-up of what concepts you had to learn and what challenges there were. Points earned will range from 5 - 10pts for each implementation depending upon the challenge. Examples may include:

- a) A carousel (make sure it is accessible)
- b) Lightboxes
- c) Accordions
- d) Flip Card
- e) Modals

Your implementations must demonstrably improve your site.

- 3) Show advanced proficiency in grid AND flexbox. (5 points)
- 4) Show advanced proficiency with Bootstrap - what did you do? What were the challenges in doing it? (5 points)
- 5) Have a different idea? Run it past us before December 1st.