

## Final Project Specifications

Yes, this document is long. Print it if you like. But please, read it through carefully!

Now it's time to create your Final Project. If you've been following along with all the Module documents throughout the semester, you should have a good idea of what your final project will look like.

You are welcome to use the website you created for CGS1820 and build on that one or you can create a new site from scratch. If you use your previous final project, you won't have to spend too much time thinking about a color scheme or a theme for the site and can focus on adding new features.

You must create your website by hand, using only the tools and skills learned in this class (CGS1821) and the previous course (CGS1820). Steer away from topics that are controversial such as politics and religion, and use of offensive language. ***Using third-party development tools such as Bootstrap or Sass is not permitted. If you use any of those tools for your final project, you will receive no credit at all.***

Have fun! And keep in mind - your site must be shared with the class. Feedback from your classmates is valuable. Before a new TV show makes it to your living room, it is shown to various test audiences. Before a large company releases a website, it undergoes testing by ordinary users. In fact, many companies hire people with no computer or IT experience specifically to test new web pages. Santa Fe College is known for its diversity, and it's more than just racial and ethnic backgrounds. Students at Santa Fe are all ages, from 16-year-old high school students to retired octogenarian, lawyers, military personnel, other professionals, and everything inbetween. What companies pay for, you are getting for free. You will get feedback from many different users. This is a great opportunity - take advantage of it! Read the feedback you get enthusiastically and give back by preparing thoughtful feedback to your classmates. Follow the directions carefully about how to send in your URL.

The Final Project counts for 20% of your semester grade. The Reviews count for 5% of your semester grade. Combined, the Final Project and the Final Project Review counts for 25% of your semester grade.

There is a Discussion Board named The Final Project! This is where you post the URL to your site and where you will review your classmates' sites. There is no drop box for the Final Project. Please follow the directions carefully. If you put your reviews in the wrong place, you won't get credit for them. The same is true for the URL to your Final Project.

- Check the due dates on the Calendar carefully! There is one due date for the Final Project URL (Monday, December 5<sup>th</sup>) and a different due date for the reviews (Thursday, December 8<sup>th</sup>). All the URLs must be submitted 3 days before the reviews are due to give your classmates time to review the sites. ***Late Final Project URLs will not be accepted.*** You must also submit a URL of the final project to be able to review your classmates' website
- When your Final Project is ready, start a new post in the Final Project! Discussion Board by clicking in the Reply box at the top of the discussion board. Enter the URL to your project here and, underneath the URL, describe where a user can find the items listed in the specifications (below).
- Read the document titled Who to review and how to do your reviews. It is in this Module and it explains how you decide which sites you must review. It also will explain how to create a valuable review.
- After the URL due date, go back to the Discussion Board and locate the posts from the students you have been assigned to review. For each of those people, create a Reply and write your review of that site. You will post **Replies** to each site you have been assigned to review.

## Final Project Specifications

Design an entire website with four or five web pages which must contain the following items. The list below includes the *minimum* requirements.

**General Requirements:** All of the following counts for 20 points.

- The site must follow all the conventions you learned in the previous course. There must be documentation, comments where appropriate, stylesheets, appropriate Page Titles, and so on. Images and any other content you get from outside sources must be credited to those sources. There should be no broken links, under construction pages, or dummy links that go nowhere. The navigation menu should only include links to working pages.
- Use good design techniques and utilize space appropriately on the pages. There will be points deducted for large areas of empty space.
- The site should have **four or five** webpages all with a consistent "look and feel". Each page must link to the other three or four from the navigation menu. Only those pages linked to the navigation menu will be graded. The final project requirements must be included on one of the four or five linked pages. If you've done the homework throughout the semester two of your pages (the **home page** and the **form page**) should be almost finished except for making final edits. Now all you will need to do is code two or three new pages to meet the four/five pages requirement. Note: the **form submission page** that displays the form information does not count as one of your pages. Read this document carefully and make sure you have included all of the final project requirements on your pages.
- The site should have at least one webpage with a **2-column or 3-column layout**.
- The entire site should be in a folder named final\_project on the ITE server. Image files must be in an images folder, css pages should be in a styles folder, and so on, using a professional folder structure.
- If there are misspellings and/or grammar mistakes in your text, you will lose points. We are becoming professional web designers and nothing makes a web page look more amateur than misspellings and poor grammar!

**Specifics:** Your site must include the following: See the rubric for points distribution.

1. One of your pages must be specifically designed as a **form**. The form must include the following controls:
  - submit and reset buttons
  - check boxes
  - radio buttons
  - a drop-list
  - labels where appropriate
  - at least one fieldset and legend
  - at least one textarea element
  - at least one placeholder
  - at least one required attribute
  - at least one entry to be validated by the browser: choose from email, url, or tel controls
  - at least one of the following: the color control, the number or range control, or a date control
  - The layout of the form should be neat, clear, and aligned correctly.
2. A form submission page that is displayed when the form is submitted. Remember the name of the form submission page should be included in the action attribute of the opening form element.
3. There should be at least one **table** in the site. The table should include the HTML5 thead, tbody, and tfoot elements, a minimum of five rows and two columns, at least one colspan or rowspan attribute, and a caption.
4. There should be at least one **audio** or **video** in the site. The audio element should be used with the audio file. The video element should be used with the video file. The embed element should be used with a YouTube video.
5. You must include one **Google web font**, **Adobe Edge web font**, the **@font-face selector** and **images/icons**.
6. You must include at least one of the following using CSS3 techniques: **accordion**, a **transition**, a **transform**, an **animation**, or a **filter**.
7. The entire site (unless completely inappropriate for a specific page) must use **Responsive Web Design**. You can select either **FlexBox** or **Grid Layout**. Your website should use one or the other RWD techniques. There will be points deducted for sites that use both FlexBox and Grid Layout.

When you are finished, upload your site to your newly created final\_project folder on the ITE server. Then post a message in the Final Project! Discussion Board. Important: Under the URL please list where the following items appear in your site:

- the form
- the table
- the audio and/or video
- the page that contains web font, images, and/or icons
- the accordion, transition, transform, animation, and/or filter
- explain which RWD layout you used and, if any page is not RWD-compliant, identify that page and explain why it could not be formatted for a mobile site

Check to make sure your link works before you post it. Check your site in at least two different browsers. Check that all internal links work.

The Final Project is due early (December 5th) during the week of Finals. *There will be no extensions!* Not for any reason at all. This is because there must be a few days to allow people to do their reviews. Check the Calendar for due dates to see when the Project must be posted and when is the last date to post reviews (December 8th).