# Instructions

This document is designed to guide you through the process of designing your website (course-long project) for this course. It will serve as a basic roadmap for you to follow as you create your site.

The individual projects assigned throughout the course will culminate into a single, completed website by the end of the course. The main topic of the website will be decided by you. This is your chance to ***be creative****!*

It must **contain at LEAST 5 pages** (described in later assignments) and relevant images/photos. If you have trouble brainstorming an idea, take a look at some of the following suggestions:

* Create a fake product, named ABC123, and create a website to showcase its capabilities
* Make a website about yourself, the classes you have taken, the things you have accomplished and the places you have been.
* Create a how-to website on making, creating or doing something.
* ... or anything else you like!

The following sections of this document will walk you through the important steps of planning a website. Follow the directions carefully. Actionable items will be highlighted in **red**. Please leave the information you enter in red so it is easy to find what you did. *Completing this planning document is worth 50 points.*

# Project Description

The following **four** sections are for you to complete in regards to your proposed site.

**Step 1 of 4:** Describe what your website will be about!(10 points)

Take a moment and think about this. Careful planning at this stage will undoubtedly save you time in the future. *Write a paragraph or so explaining what your website will be.* Explain in detail what purpose it will serve and how you will convey information to your users.

**My website will be a personal portfolio, showcasing my ability to use various bits of technology. I want it to be a second step for employers or potential customers to look at after they’ve seen my resume. I won’t solely display my ability to use technology but also bits and pieces of each course I’ve taken at CSCC and online. I want to incorporate my old design for a composition remix I made in eng1100. I also want it to contain very little personally identifiable information so I can make it public, then using my resume or e-mail if people want to contact me.**

**Step 2 of 4:** List some of the pages you will need! (15 points)

This is a very important step. It forces you to think about what kind of content your website will contain and how it might be organized. The pages you list here are not written in stone, but some careful thought should be given to them. *List all the pages you imagine making for your website and provide a brief description of each. Your descriptions should explain why the page is needed to support the site topic listed in Step 1.* Note: They should be related to the topic of the website. You need 5 pages at a minimum, the homepage is part of that total.

* **A home page (required)**: This page will contain an overview of the kind of person I want to convey. I will most likely base it around being a computer science student and leave ample space for me to add onto later when I learn more. I’ll probably just make this page really technical and put a bit of extra effort into its structure.
* **Web Design:** I will have a page solely for web design projects that I’ve made and the kinds of things that I like making with html, css and js
* **Python:** This page will contain python projects like discord bots I’ve made, tutoring I’ve done and various portions of small projects I’ve made to show how I’ve benefited from my knowledge of python
* **Writing:** I love to write, there definitely has to be a page similar to a blog containing both casual and professional writing
* **Hobbies:** Since I want to make this a sort of website that allows people to get a general understanding of me, I want to make it complete with bits for my friends to take a look at and get a general idea of the things I enjoy

**Step 3 of 4:** Think about the content on each page! (15 points)

This might be a rather difficult step but it is a good exercise in planning what content will appear on each page. *List every page from Step 2 and discuss what content might appear on each page. This is not a copy and paste from Step 2, rather you should describe the type of content that will show up on each page and how you envision it will be laid out.*

* **A home page (required)**: A paragraph, assuming people who’ve just click will have some level of patience to read through it or at least skim. Then it will be mostly visuals to guide users to the things they are interested in. An employer? They should find my web design or python work quickly, likely I will place it sort of spread out and add a visual like a wrench or green command line gibberish.
* **Web Design:** Visuals like <img> with links to the source code that allows you to view the example web pages by themselves. Likely this will also include webpages within this portfolio site.
* **Python:** Images of my work in use by users in discord or questions asked by students and my own responses. I want to be transparent about the ways that I helped my own students and although I likely won’t show much source code, there will be a few links to some code I’ve written.
* **Writing:** Various cards with a preview and link to each of my writings in a blog-like format. I want it to be easy to have a general idea of what the writing will be about before a user clicks on it
* **Hobbies:** Debating whether to give each one it’s own page, some of my hobbies can go very deep. Adding a section for origami, cubing and various puzzles along with links to try it themselves. A gallery containing things like game screenshots, origami displays and my cube collection are a must.

**Step 4 of 4:** Sketches/Wireframes (10 points)

Please make sure you create and submit an actual wireframe. You can hand draw and scan, or use any application that allows you to draw a planned layout. The questions below are meant to help you envision the wireframe, they are not required to earn the 10 points, only the wireframe is required.

You should submit a wireframe for every layout planned, but most sites don’t use more than two layouts, so keep that in mind. In fact, most sites use the same layout for each page.

For this very important section, you will mock-up how your page will look and how it will be organized. It is not incredibly important that your wireframes be *professional-grade* but they should look very nice and intelligible. You may use Microsoft Paint, Photoshop, GIMP or even hand-draw them and scan them. The drawings must be included in this document, **or** attached as a separate document. Here are some questions to ask yourself when sitting down to make the wireframes:

* What will your logo look like?

**It will be a wizard’s hat with a computer science symbol on it**

* What colors might you use?

**I want to use a mix of black, purple and white with an accent of red and gold**

* Where will your menu be located? What links/buttons will be included in the menu?

**I want a top navbar, no stick since I will have a lot of navigation within the webpage itself. It will contain the various main pages that I refer to above**

* What kind of images my you have?

**I will have a lot of demonstration images, a thumbnail for the meat and potatoes of each topic**

* Will the home page be formatted differently than the rest of the site? If so, how?

**Unlikely, I want to base most of my website around cards that contain information**

* Will you include video or social media plug-ins?

**Yes, I’d like to have origami and rubiks instruction videos built into the site**

* Is it primarily for desktop viewing or mobile? If both, what will the mobile version look like, as well?

**Since the page will be card based, the cards will simply be resized to fit the screen. Images will also be minimized while keeping their form.**

* Who is your audience? What language can be used? In what voice should it be written?

**The audience will change throughout the page, I will use more casual language when referring to my hobbies and more professional language when talking about my skills in computer science. Throughout I will maintain a tone of explanation on each of the topics as it’s supposed to be a passing of my knowledge and abilities to others.**

* Will your layout take up the entire page width or will it be centered?

**Cards will consume the entire width of the page, then take will attempt to fill that space, if it’s too short then it will be centered.**