# Final Project – Winter 2023

**Due Date: Tuesday, April 18, 2023 – 9:30PM**

**This project will demonstrate your ability to:**

* Create a **responsive** website with **real content.**
* Use HTML5 to structure web pages.
* Use CSS to complete the presentation and layout of your site.

**Details**

This project has several requirements. Please read all the requirements closely, so you do not miss anything important.

### Build a 4-page website with real content on a topic of your choice.

* Each page should contain at least 2 images (background images, & icons do not count as images but can be incorporated into the web page design).
* If your content is (copied) from another site, the reference to the original content should be documented in a text file called “**resources.txt**” and placed in the website’s main directory.
* Please develop the site on your own, ***do not replicate in-class exercises. Use the HTML and CSS you’ve learned in this course but make it your own and show that you understand the concepts demonstrated throughout the term***. **DO NOT JUST COPY HTML/CSS FROM CLASS EXERCISES.**

### Use of HTML5

* Each page should have a valid HTML5 skeleton and use valid HTML5 structure and syntax throughout.
* Use enough HTML5 to demonstrate a good understanding of the topics covered during the course. Project will be graded for the quality, accuracy, and quantity of HTML5.

### Column Layout

### - Using *CSS Grid* (required) develop pages that include columns - have at least 2 columns in tablet view & 4 columns in laptop/desktop in view on (minimum) two pages and *media queries* (to resize and change the style of HTML elements), create a mobile first layout that adapts from mobile to a desktop layout (mobile, tablet, laptop, desktop).

* **View 1:** mobile: for screens up to 425px wide, default mobile first CSS for all views
* **View 2:** tablet for minimum width of 768px.
* **View 3:** tablet (large)/ laptop (small) for minimum width of 1024px.
* **View 4:** desktop for minimum width of 1440px and above.

### Demonstrate your understanding of CSS by styling your pages.

* Use a broad selection of the CSS covered during the course.
* Have a consistent colour scheme, typography and regularity in image styling.
* Typography – use @font-face or google fonts.
* Use a colour scheme generator (Tip: <https://coolors.co/>)
* Project will be graded for the quality, accuracy and quantity of CSS used.

### Navigation

### - Include an unordered list of links styled to be a responsive navigation bar

* Use the techniques demonstrated in class to create a navigation bar or button set that links all the pages together and appears on all pages.

*Note: This is a hand coding assignment. DO NOT use code* ***generating tools*** *or* ***frameworks*** *to create or to assist you in creating your code. Evidence of generated code or use of a framework will result in a mark of zero.*

**Marking Scheme**

|  |  |
| --- | --- |
| Quality, Accuracy & Complexity of HTML5 code | 30 |
| Quality, Accuracy & Complexity of CSS code for layout – mobile/default CSS | 20 |
| Quality, Accuracy & Complexity of CSS code for layout – tablet/ laptop | 15 |
| Quality, Accuracy & Complexity of CSS code for small laptop layout – desktop view | 10 |
| Quality and Accuracy, Complexity of CSS for nav bar | 15 |
| Font (use of Google Fonts or @font-face) | 10 |
| Total possible marks: | 100 |

**Assignment Weight: 25%**

**Due Date: Thursday, April 20, 2023 – 9:30PM**

**LATE ASSIGNMENTS WILL NOT BE ACCEPTED.**

**How to Submit Your Assignment:**

1. **Put your HTML pages, CSS files and images into a folder labeled with your first and last name and final project. Folder Name: YourName-FinalProject**
2. Zip the folder. Upload the folder via the link in Blackboard to “Final Project”

It is up to you to be sure your assignment has uploaded to Blackboard correctly. To verify, download & unzip your project after submitting it.

**Questions?** Email me at **mhardwick@niagaracollege.ca**