Basic Web Design - Delta College.

For the main project in this course, you will build a complete, two-page website with syles sheet and JavaScript, js file. This project will be broken down into three manageable stages, allowing you to apply what we're learning in class step-by-step. Don't worry, I'll provide you with some starter files to get you going (optional to use or you can start from scratch). The goal here is for you to build a solid foundation in web design, from structuring content with HTML to styling it with CSS, and using JavaScript, js file as needed. And, **Publishing** it for the world to see.

A project Links page can be accessed from this [**link here!**](https://professortony.github.io/Course_Files/CSW_23/Project_Links.htm) Files include a project description, some starter code for your two HTML pages, and a Rubric so you know exactly what I'm looking for.

Take a look through these files. The assignment sheet has all the details and deadlines. The HTML and CSS files give you a great starting point, so you're not staring at a blank page. And the Rubric shows you exactly how you'll be graded.

Your first deadline for Stage 1 is in a few weeks, so start thinking about a topic you're excited about. Any questions? (contact me via Canvas Message, if need).

**Course Project: Basic Web Design**

**Project Overview**

Welcome to your main project for Basic Web Design! In this project, you will create a personal, two-page website on a topic of your choice. This project will test your skills in HTML for structuring and CSS for styling. You will build the site in three stages, culminating in a live website that you can share.

**Project Requirements**

Your finished website must meet the following criteria:

1. **Two Linked Pages:** You will create a "Home" page (index.html) and an "About" page (about.html). These pages must be linked together through a navigation menu.
2. **Content:**
   * **Topic:** Choose any school-appropriate topic you are passionate about. It could be a hobby, a portfolio, a fan page for a band, or information about a cause you support.
   * **Images:** Include at least two images.
   * **Video:** Embed at least one video directly on a page.
   * **Lists & Links:** Include one ordered list and at least two hypertext links to external websites related to your topic.
3. **Design & Layout:**
   * **Responsive Design:** Your website must be responsive and look good on both desktop and mobile devices.
   * **Color Scheme:** Use a consistent color scheme with at least three different colors.
   * **Typography:** Use different text styles for headings, paragraphs, and a footer.
   * **Separators:** Use lines or borders to separate and organize content sections.
4. **Publishing:** The final stage is to publish your website online. Your final submission will be the live URL. We will discuss free hosting options like GitHub Pages in class.

**EXTRA CREDIT OPPORTUNITY: 25 pts. possible**

* **Create a 3rd linked page.**
* **The 3rd page must also be linked to the other pages in a menu, have the same color scheme, styling, and include some type of Animation. - Hint, you may need a canvas element and JavaScript file for the Animation.**
* **3rd Linked page must also be fully Responsive.**

**Project Stages & Deadlines - REMEMBER: Always TEST, before submitting.-**

This project is divided into three stages.

**Stage 1: Content & Structure (HTML)- (12pts)**

**Due: October 24**

For this stage, you will focus only on the HTML structure. Do not worry about colors, fonts, or layout yet. The goal is to get all your content onto the pages.

* **Tasks:**
  1. Choose your website topic.
  2. Gather your content: write the text for both pages, choose your two images, and find a video to embed.
  3. Create index.html and about.html using the provided starter code.
  4. Add your text, images, video, lists, and links to the HTML files.
  5. Create a working navigation menu that links the two pages together.
  6. Add a header, main content area, and a footer to both pages.
  7. PUBLISH the files to a Hosting provider so that they are accessible on the Web. Submit the URL / web address for each file using the Canvas assignment link for Project Stage 1.

**Stage 2: Styling with CSS- (20 pts.)**

**Due: November 12**

Now it's time to bring your website to life with CSS. You will focus on layout, colors, and typography to make your site visually appealing and easy to read.

* **Tasks:**
  1. Create and link a style.css stylesheet to both of your HTML files.
  2. Define a color scheme and apply it to the background, text, and other elements.
  3. Choose fonts and apply different sizes and styles for your headers, paragraphs, and footer.
  4. Add borders or lines to create visual separation between sections.
  5. Start working on the responsive design using media queries to ensure the site looks good on smaller screens.
  6. PUBLISH updated files, including the css file, to a Hosting provider so that they are accessible on the Web. Submit the URL / web address for each html file using the Canvas assignment link for Project Stage 2.
  7. Be sure the .css file is properly linked to each html file. **TEST** before submitting.

**Stage 3: Final Touches & Publishing – (44 pts.)**

**Due: December 3 (Final Submission)**

In the final stage, you will refine your design, test everything, and publish your website to the internet.

* **Tasks:**
  1. Finalize your responsive design. Test your site on a mobile device or using the browser's developer tools.
  2. Check all your links to make sure they work.
  3. Proofread all of your text content.
  4. Publish all updated files to your Hosting provider. **Verify** everything is working properly online.
  5. Verify-Test that your webpages are accessible online and appear as designed. Test Responsiveness!
  6. Submit the live URL of your website for grading. Use Canvas Stage 3 assignment link.

# Basic Web Design: Project Rubric (76 Points)

This rubric outlines the grading criteria for the final website project. Each category is worth a specific number of points, totaling 76 points. | EXTRA CREDIT: 25 pts. will use criteria from all Rubrics.

### 1. HTML Structure & Content (12 points)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** | **1 Points** | **2 Points** | **3 Points** | **Pts.** |
| **Two HTML Pages** | Only one page created or pages are not linked. | Both pages are present, but navigation is broken or unclear. | index.html and about.html are present and correctly linked via navigation. |  |
| **Images & Video** | Missing images or video, or they are broken. | At least one image and a video are present, but may not be embedded correctly. | At least two images and one embedded video are correctly implemented and visible. |  |
| **Lists & Links** | No ordered list or external links included. | List or links are present but incorrect (e.g., list is unordered, links don't work). | An ordered list and at least two working external links are included. |  |
| **Semantic HTML** | Little to no use of semantic tags (<header>, <footer>, <main>, <nav>). | Some semantic tags are used, but structure is inconsistent. | Clear and correct use of semantic HTML tags to structure the content on both pages. |  |

### 2. CSS Styling & Design (20 points)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** | **0-2 Points** | **3-4 Points** | **5 Points** | **Pts.** |
| **CSS Linked** | CSS file is missing or not linked to the HTML files. | CSS is linked, but many styles are not applying correctly. | A single style.css file is correctly linked and styles both pages. |  |
| **Color Scheme** | No custom colors used, or colors have poor contrast. | Fewer than 3 colors used, or the scheme is inconsistent across pages. | A consistent color scheme with at least 3 colors is used effectively. |  |
| **Typography** | All text is the same size and font. | Some text styling is present, but lacks a clear hierarchy (header, text, footer). | Clear and different styles are applied for headers, main text, and footer content. |  |
| **Separators/ Borders** | No lines or borders are used to separate content. | Separators are used, but they are inconsistent or visually jarring. | Lines (<hr>) or CSS borders are used effectively to organize content sections. |  |

### 3. Responsive Design & Publishing (44 points)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** | **0-6 Points** | **7-10 Points** | **11 Points** | **Pts.** |
| **Responsiveness** | Website is unusable or looks broken on mobile screens. | The site is partially responsive, but some elements overflow or are hard to read. | The layout adapts cleanly to different screen sizes (desktop and mobile) with no horizontal scrollbars. |  |
| **Publishing** | Project was not published online. | Project is online, but the URL is incorrect or the page doesn't load properly. | The website is live on the internet and accessible via the submitted URL. |  |
| **Code Quality** | HTML or CSS has significant errors and is poorly formatted. | Code is functional but messy and hard to read. | Code is clean, well-commented, and easy to understand. |  |
| **Overall Effort** | Project appears incomplete or rushed. | Project meets the basic requirements but lacks polish. | The project shows clear effort, creativity, and attention to detail. |  |