# Overview

In this project you will demonstrate your working knowledge of basic webpage design and development, HTML and CSS.  The project will be a multi-page brochure-style website for a client that will be assigned.  The final project has 230 points available. Failure to complete a final project will result in a grade of 0 for the project and a failing grade in the course.

Technical Requirements: (200 points)  
This is an assessment of your HTML/CSS hard coding skills. As such, the website you construct must be custom coded using HTML and CSS.  Your website ***must be responsive***. As such you may use either flexbox with media queries and/or the Bootstrap Framework. If Bootstrap framework is utilized evidence of your own custom CSS and all CSS criteria must be included as a separate CSS file linked from all pages.

You may NOT use a CMS such as WordPress or Weebly to build your site!  Refer to the rubric for specific criteria and point values. The rubric can be viewed by clicking on the “Final Project Site Submission” assignment on Blackboard.

Your completed site MUST be uploaded to your host server and a link to this site on your WDV101 homework page. The URL to this site MUST then be entered in the Text Submission are of this assignment on Blackboard. No Blackboard submission = No Grade!

Presentation: (30 points)  
You are required to present your final project and will receive 30 points for doing so. Demonstrate all pages, navigation, and required technical features. If you cannot present your final project on the scheduled date, you may present on a date prior.

# CRITERIA

To get the best grade for your final project meet the following requirements:

## Page Layout:

* Pages should reflect a variety of columns and section. Only one page is allowed to be a single column page.
* Header Banner: Your site must include a heading that includes text and an image at the top of all pages.
* Common Navigation: ALL pages must include a common navigation and all pages must connect to each other from each page. The navigation must be inside the nav element and styled.
* Content: You must obtain a good amount of text content and images on each page. ***Do not use placeholder text.*** Use actual text content. Text must be a variety of elements (h1-h6 and paragraphs). Images must have proper syntax including alt and title and width and height. Images should not contain watermarks. Content should be relevant to what the client desires in the client information zip file.
* Hyperlinks: Include the following: link to another site, link to other pages in the site (separate from your navigation) link to a specific location on the same page (back to top), and link to a specific location on another page.
* Footer: All pages must include the same footer. The footer must be centered at the bottom of each page and a different color than the rest of the page.

## CSS Styling for all elements

* Use an external stylesheet so that styling all pages is consistent.
* Use embedded CSS on at least one page and where appropriate on the others.
* Include the following formatting:
  + Font Styling: Font families, italic, bold etc.
  + Text Styling: text-transform, text decoration, letter spacing etc.
  + Color: font color, background color.
* Use of media queries and/or Bootstrap for responsive design.

# Website Project Check list:

## Overall Requirements:

* 5 pages
* Correct HTML syntax
* Use of various HTML elements (div, header, main, etc.)
* Use of span element
* Meets client’s basic requirements
* Published to your webspace (hosting)

## On EACH page:

* Images: all images re-sized and optimized using image editing software (Photoshop, GIMP or a web app) and HTML/CSS code.
* Text content
* Header
* Footer
* Common navigation (Using nav element)
* Common banner
* Correct grammar and spelling
* Appropriate attribution for borrowed content

## Head Section on EACH page:

* Title
* Comments in the head section containing your name and the date
* Meta data (description)
* Meta Viewport
* Each page should contain slightly different metadata appropriate to the page
* Linked external CSS file

## Hyperlinks (can appear on any page or multiple pages):

* To another website (external)
* To another page on your site (separate from your navigation)
* To a section on the same page (back to top)
* To a section on a different page (link to an ID)

## Images

* Multiple images per page
* Accessible
* Appropriate attributions to original owner and without watermarks
* Images use a box model application

## CSS

* external CSS file linked to all pages on your site
* use of embedded CSS on one page
* use of an inline CSS style
* Font formatting: font, italic, bold, etc.
* Text formatting; transformations, decorations etc.
* Color, background colors.

## CSS Selectors

* element
* grouped
* descendent
* independent class
* pseudo-class
* pseudo-element (::after, ::before, ::first-letter, ::first-line, ::marker, ::selection)

## Layout/Responsive Pages

* Website is responsive
* Layout changes for mobile and desktop
* Utilizes flexbox and media queries
* OR Bootstrap framework.   
  (***Note – if Bootstrap framework is utilized evidence of your own custom CSS must be included as a separate CSS file linked from all pages.)***

## Form(s)

* A contact form or other form must be included.
* Form must contain a variety of input types.
* Style and organized for user
* Processes input via formhandler php file.

# Due Dates:

Project Due Date/Submission: The site must be published to your web server and the URL must be submitted to the Blackboard assignment “Final Project: Site Submission” **PRIOR** to the scheduled final due date. In other words, you must be able to connect to your host sever and present your project by the beginning of class. You will not have time or be allowed to work on or upload your project during the class presentation time. No late submissions will be accepted.

**Presentation Due Date: Wednesday May 5th during regularly scheduled class time. 30 points extra credit if you are finished and can present on Monday,   
May 3rd.**

Be ready to go! Only those students with the URL submitted to Blackboard can present. Do NOT prepare a PowerPoint. Have a plan of what you are going to discuss and show on your site.