



ICT 580

Assignment 4: Create a Three-Page Responsive Website

Due: See Course Outline for specific due date.

Please refer to the rubric at the end of this document for evaluation details.

Instructions:

Design a three-page interactive responsive website and create the code **from scratch**¹. You can choose to use the assets provided or use your own content. The site must use advanced HTML5 and CSS3 formatting and work on at least two modern browsers.

Requirements:

- **HTML5 must include the following:**
 - HTML5 semantic tags
 - A banner
 - A horizontal menu
 - A contact form
 - Three pages—a **welcome** page, a **gallery** and a **contact** page
- **CSS3, must include the following:**
 - An external stylesheet that is linked to a stylesheet in a CSS folder at the root of your website
 - Site must be visually appealing
 - Use at least 1 grid layout
 - Use at least 1 flexbox
 - Use media queries to define what the page will look like on a phone and a desktop
 - Use the viewport
 - Images, videos and text must be responsive
- **Comment you HTML and CSS code simplifying your intentions for code readers**
- **Check that your HTML code is error free using the W3 Markup Validation Service**
https://validator.w3.org/#validate_by_uri
- **Check that your CSS3 code is error free using the W3 Markup Validation Service**
<http://jigsaw.w3.org/css-validator>

Add your **name** as a **comment** at the top of ALL your HTML and CSS source code files.

Compress your folder (first_last_a4.**zip**) and upload to the corresponding dropbox in D2L.

¹ It is very important to start this assignment from scratch. Building upon existing work may lead to unnecessary complications.

Evaluation:

This assignment is graded out of 100 points using the following rubric and is worth **40%** of the final grade.

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| • Mature HTML5 Coding as stipulated | 30% |
| • CSS Styling as per requirement | 60% |
| • Code Documentation: Comments clearly articulated | 5% |
| • Validated HTML and CSS Code: All errors/bugs treated properly | 5% |

Learners may receive partial scores or a zero for unacceptable work.