PROG1245

Web Foundations Individual Major Assignment #1 - 10%

**ASSIGNMENT:**

1. Use well-formed HTML5 structure including use of semantic elements.
2. Keep in mind AODA considerations when developing your website.
3. Download the **Major\_Assignment\_1.zip** file from D2L. This will be the starting point for your major assignment.
4. Unzip the file into a directory of your choosing.
5. Open the default.html template in Chrome, review the file.
6. Use Textpad or Notepad++ to edit the HTML and CSS files.
7. Using this template, create a website of something that interests you.
   1. In the articles sections this will be your main categories.
      1. Give each article an appropriate title.
      2. Use your own pictures within article sections. They must contain alternative text and titles.
      3. Update the text to give a brief description of each category.
8. Create four (4) pages that will go along with each of these categories. These should be modelled after the default.html page and can be named of your own choosing.
   1. One (1) page should use a two-column layout using "Lorem ipsum..." as content.
   2. One (1) page should use a three-column layout using "Lorem ipsum..." as content.
   3. The other two pages can be "under construction" but must link back to home page.
9. Overall changes to be done within HTML and CSS.
   1. Adjust the CSS to use your own colour scheme.
   2. Consider adjusting the CSS to use a background image or gradient. Make sure the site is still legible.
   3. Adjust the CSS to use your own font scheme.
   4. Adjust the CSS to do any additional decorating you see fit.
   5. Add a mailto email tag somewhere in the website.
   6. Add a link to an external website that is of the same topic as yours, or something similar.
10. SUBMIT your work (see **SUBMISSION**).

**RUBRIC: 10 marks worth 10% of your final grade**

Main Page: 6 marks : Well-formed HTML - 3 marks, Presentation - 2 marks, Navigation links - 1 mark

Two Column page: 1 ½ marks : Well-formed HTML - ½ mark, Presentation - ½ mark, Navigation links - ½ mark

Three Column page: 1 ½ marks : Well-formed HTML - ½ mark, Presentation - ½ mark, Navigation links - ½ mark

Additional Pages: 1 mark : Well-formed HTML - ½ mark, Navigation links - ½ mark

Total 10 marks

**SUBMISSION:**

This is an individual assignment – no two submissions should be identical in content, values, etc.

Your completed submission package all in one large zip file should include the following:

* A title page (noting **assignment number**, **your name** and **student ID** and date of submission)
* Your completed website should include the entire solution including all relevant files.
* Bibliography of sources where you obtained material (i.e. images) and knowledge to support your answers; this should be in approved Conestoga APA format and should reference via comments in your HTML and CSS files.
* **Due by as defined within D2L, please use D2L to submit your packages to the appropriate D2L Dropbox.**