

# **Assignment #3: Introduction to HTML**

## **PROG5000 – Fundamental of Programming**

Students enrolled at NSCC will build a skillset and collection of Geomatics-related work samples as they begin their career path in Geomatics. To highlight their skillset and work samples, student will create an online portfolio via a website application. This application will provide the students to reflect on what they learn and share with potential future employers.

The website will start of containing several pages that may grow as the academic year progresses. Below is the starting point of what students will be asked to create:

1. Homepage that will highlight the student's profile with the following content:
  - a. A profile image of the student, preferably a headshot, along with other images that presents the students interests.
  - b. From the main page, there will be minimally three links to three other web pages. The user should be able to navigate to the other three web pages but each of the three web pages should have the option to go back to the main homepage.
2. Education and work experience page.
  - a. Like a resume, highlight past education and work experience.
  - b. Use unordered and ordered lists to highlight content via bullet points.
  - c. Links to educational institutions and links for work volunteer/experience, to their respective organization websites.
3. Current COGS Academic Semester schedule
  - a. Contain a table of the student's weekly class schedule
  - b. Merge adjacent cells that have the same course/cell content over two or more rows/columns.
  - c. Below the schedule table will be another table with course code, course name and facilitator.
  - d. The tables will have borders, color backgrounds, different font styles and positioned centered in the page, with the appropriate page header.
4. Contact me web page (forms page)!
  - a. Enter in user's name, e-mail, and phone number.
  - b. A textbox to add comments.
  - c. Radio button to indicate how the user discovered your website. (i.e. Website, Facebook, LinkedIn, E-mail, A Friend, etc.)
  - d. Form content to be submitted via e-mail.

All web applications and pages must meet the additional, following criteria below:

1. All styles are to be stored in at least one CSS file (no internal styles or in-line styles), if not more than one file. All CSS files are to be stored in a CSS folder.
2. All images are to be stored in an IMAGE folder within the web application.
3. Background colours, text colors, fonts and page layout should be appealing to the end user.
4. Each page has a footer/foot must contain the student's name with it being linked to an e-mail address.
5. Use <div> elements to group similar content and to style different sections of the webpages.

Submit a zip file of the whole web application folder and submit via Brightspace Assignment 3 dropbox.