DOUGLAS

ADMINISTRATION **LAS** **DOUGLAS** COLLEGE
COMMERCE AND BUSINESS
COURSE OUTLINE AND SCHEDULE

CSIS 1280 – MULTIMEDIA WEB DEVELOPMENT

Assignment 1: Building, Linking, Adding Images, Formatting, and Publishing Web Pages

Due Date: Friday, June 9 (by end of day)

Learning Objectives
After completing this assignment, students should be able to:
● incorporate multimedia elements such as images and graphics onto a Web page
● design and construct web pages using HTML and cascading style sheets (CSS)
● Use CSS for web page layout

Assignment Overview
Having an online portfolio is a great way for you to market yourself in the job market. In this assignment, you will design an autobiographical web site that will get you started about creating your online portfolio. You are welcome to use any of the resources provided in the appendix.

What You Should Do
Create a five-page Web site about you that includes the following components:

1. Create a folder called *YourNameCSIS1280-AS1* (e.g., *PAdamsCSIS1280-AS1*).

2. Your home page must be called **index.html**.

3. Name your other Web pages according to what the page content is about (no spaces in file names), and save them as HTML files (i.e., they should end with ".html"; e.g., *MyFavoriteSports.html*).

4. Complete the coding of the Web site according to the Requirements listed below:

   - **AUDIENCE**: Your site should have a clearly defined audience.
   - **CONTENT**: Your site should have adequate and relevant content, and it should be presented in a clear manner that is easy to follow. Also, the content must reflect a clear purpose and theme that is carried out throughout the site.
   - **LAYOUT**. The arrangement of text and images on each page should be attractive and well organized. Use CSS to structure and layout your web pages (i.e., use structural and block elements such as <article>, <section>, <aside>, <div>, etc. and CSS).
   - **BACKGROUND**. Please find and use a background image for your pages that is consistent with the color theme of your website (refer to list of free web content in the appendix).
   - **NAVIGATION**. Each page links to each of the others. The navigation must be visible without scrolling and located in the same place on every page (global navigation should be a top navigation bar). Your global navigation menu should be styled using CSS to create buttons. The CSS styling should have at least 3 colour schemes, one each for unvisited links, mouseover (i.e., hover), and active link, for global navigation menu. All links should be working.
   - **CONSISTENCY**. All pages should be consistent in layout: global navigation, content, logo, etc. are always in the same place on the page.
   - **COLOR CHOICES**: colors for background and text do not detract from the content, text is easy to read, and color schemes are consistent across the site.

- **TEXT/FONTS**. The text is large enough to read and contrasts well with the background color. Each page must have at least one heading (e.g., h1) and at least one paragraph of text. The heading and text must all be styled in CSS. The content across the 5 pages should tell a consistent story, and not disparate topics (e.g., if it about you, all the 5 pages should be about you; if it is about movies, all the 5 pages should be about movies, and so on). The fonts should be consistent, easy to read and point size should vary appropriately for headings and text.
- **IMAGES**. Each page much contain at least one unique image. You do not need to include photos of yourself, but this is allowed. Each page should contain no more than 500Kb in images, and no image is wider than 800px. Images integrated must be relevant to the site's purpose and theme and should be of good quality. Links to images must be working correctly.
- **TITLES**. Each page must have a logical <title> element that identifies both the Web site and the topic of the page.
- **VALIDATION**. Your pages should be well-formed and should pass validation. The CSS must validate as well.

> **Validate HTML/XHTML**: http://validator.w3.org
> **Validate CSS**: http://jigsaw.w3.org/css-validator/

Page Ideas

Each page must tell us something about YOU. Here are some page ideas:
<u>Note</u>: T**ry to keep details (about self, family, friends, etc.) to a minimum and DO NOT share any embarrassing or negative information that you would not want your potential employer to know**.
- A brief introduction/bio page (good for the home page)
- My Skills Portfolio (Skills Inventory)
- My Career Plans (Choices)
- My Creative Works (e.g., websites, programming projects, etc.)
- My Family
- My Friends
- My Opinions on _____ (fill in whatever topic you desire)
- My Favorite Music (or Movies, Books, TV Show, etc.)
- My Sports
- My Fashion
- My Hobby(ies)
- My Future Plans
- My Artwork/Design Work
- My Favorite Class(es)
- My Pets (or Favorite Animals)
- My Poetry (or Short Stories, Essays, etc.)
- My Favorite Possession(s)
- What's Important in Life

Assignment Delivery

<u>Please zip your *YourNameCSIS1280-AS1* folder and upload you file to the Blackboard.</u>

APPENDIX: RESOURCES

1. **Free Images**
   https://pixabay.com/
   https://www.freeimages.com/
   https://www.freepik.com/free-photos-vectors/web-background
   https://buffer.com/library/free-images/+

2. **Free Content**
   https://www.copyrightfreecontent.com/
   http://www.articlesfactory.com/articles/
   https://www.techradar.com/how-to/how-to-get-quality-content-on-your-website-for-free/
   https://ninjaoutreach.com/free-blog-content/