**WEBT 1320 Final Project Requirements**

**General**

* The Final Project is worth 400 points or 30% of your grade.
* Develop a website that consists of at least 5 pages: a home page and four content pages.
* You decide what subject you’re going to use for your website. It can be about you, a relative, a friend, a pet, a course, a hobby, a product, an issue…you decide.
* Be sure that you know enough about the subject of your website so it will be easy for you to create the content for your pages. You should have six or more related image files that you can use in your web pages.

**Content**

The goal of this projects is to give you a chance to develop a small website using HTML and CSS, not to create content. With that in mind, you should feel free to:

* Copy content from other websites or sources and adapt it to your own website
* Copy images from other websites or sources

**Skills (150 points)**

As you develop your website, you should of course demonstrate your HTML and CSS skills. To that end, the initial version of your website should show your mastery of:

* Headings, text, and character entities (10 points)
* Links and lists (10 points)
* Images (10 points)
* Margins and padding (10 points)
* Borders and backgrounds (10 points)
* 2 or 3 column layout (50 points)
* Responsive Web Design (phone, tablet and desktop) (50 points)

**Design, graphics, and typography (75 points)**

* Refer to [10 Top Principles of Effective Web Design](https://shortiedesigns.com/blog/10-top-principles-effective-web-design/) article
* Refer to [9 Best Practices for Using Typography in Web Design](https://hackernoon.com/9-best-practices-for-using-typography-in-web-design-f56ea5bf1001) article.
* Refer to [How to Effectively Use Graphics and Typography in Web Design](https://www.webhostingplanguide.com/effectively-use-graphics-typography-web-design/) article.
* In addition consider using a layout program. A good free program is [Adobe XD](https://www.adobe.com/products/xd.html).
* Professional web site examples - [Awwwards](https://www.awwwards.com/)
* **You must use web fonts for your website (25 points of the 75 points will count toward this)**
  + [Adobe Edge Web Fonts](https://edgewebfonts.adobe.com/)
  + [Google Fonts](https://fonts.google.com/)

**HTML and CSS files and directories (40 points)**

* The HTML file for the home page should be named index.html.
* The names of the other pages should indicate what the pages represent.
* The images for the website should be stored in a directory named images, the CSS files should be stored in a directory named styles, and the HTML files should be stored in the root directory for the website.

**Images (20 points)**

* 6 images minimum across the entire site.
* In addition to the 6 images choose 2 images items listed below.
  + Add links that consist of images.
  + Create and add a favicon.
  + Add an image to a figure that includes a caption.
  + Add an image rollover using background images.

**Tables (10 points)**

* Add a table that presents tabular data to the site.

**Audio and video (10 points)**

* Add 1 audio and 1 video file to your site by embedding the players or files in your pages.

**jQuery plugins (20 points)**

Use jQuery plugins to add one or more of the following features to your site (choose 2 jQuery plugins to add to your website):

* Lightboxes
* A carousel
* A slide show
* Slick Nav
* jQuery UI

**Upload to Web Hosting and Submit Link to Dropbox on eLearn: (75 points)**

* All files must be upload to your web hosting service.
* Everything must work correctly online. Working correctly on your computer does not count.
* Be sure to upload a link to the Final Project dropbox on eLearn.
* It must completed by the due date listed on eLearn.
* **Be sure to submit the validation for HTML and CSS.**
* **Be sure to submit a link to your Final Project.**