**CPT422 Hypertext Markup Language Programming Assignments Overview**

**Unit 1**

**Unit 1 Applied Assignment**

**For this assignment, you are being asked to create a GitHub index/launch page (Webpage), to act as a portfolio of work for the remainder of the course**.

* Take a screen shot of your page and upload for this assignment.
* Describe how you plan to build upon your webpage.

To access-the link is as follows:

<https://www.khanacademy.org/computing/computer-programming/html-css/web-development-tools/a/hosting-your-website-on-github>

**Unit 2**

**Unit 2 Applied Assignment 1**

Modify your GitHub index page (Webpage) to include:

* Two (2) paragraphs of text about yourself
* Three (3) links to websites that relate to your hobbies or that you visit often
* At least Two (2) pictures

**Unit 2 Applied Assignment 2**

**After** downloading and saving the Zip File containing materials from the text in order to access for each Assignment.

* Complete Exercise 7.3 on page 156-158 of the text.

**Unit 3**

**Unit 3 Written Assignment**

Create a **Design Document** for a mastery assignment due in Week 5, outlining a website with at least 5 pages demonstrating the content from this course, relating to an interest or hobby the student has.

NOTE--This will be a living/working document and should be updated as new material is introduced. We will use this as the basis for assignments in Weeks 4, 5, and 6.

This document will only be submitted in Week 3.

However, components will be used in later weeks. So-please keep a copy of the document in reserve as you move forward in this course.

Include:

* Brief Description of the following pages, including a layout mockup and a color palette
* 1 text/terms
* 1 images
* 1 multimedia page
* 1 links page
* 1 user designed

**Unit 4**

**Unit 4 Applied Assignment 1**

You will continue to add to your Webpage and then will participate in this Week's discussion.

After modifying your GitHub index page-**complete the discussion**.  *Please note-you may need to work ahead so that you can post your link by Wednesday night.*

* Create a multimedia page that teaches a simple skill - such as baking a loaf of bread, changing the oil in your car, or coding a simple web page - including text, images, and an embedded video.
* Your GitHub page should now include 2 content pages in addition to your index page. This will act as the basis for your mastery assignment in week 5.

**Unit 4 Applied Assignment 2**

**After** Downloading and saving the Zip File containing materials from the text in order to access for each Assignment.

* Complete exercises 14.1 and 14.2 to the provided starter on pages 364 and 373.

**Unit 5**

**Unit 5 Applied Mastery Assignment**

This week will have you place the finishing touches on the completion of your website--

Design your Mastery Assignment Website according to your Design Document WebSite, with the 5 pages as outlined in Week 3.

* Brief Description of the following pages, including a layout mockup and a color palette
* 1 text/terms
* 1 images
* 1 multimedia page
* 1 links page
* 1 user designed

Your **Design Document** for your mastery assignment should have outlined a website. The site should have included at least 5 pages demonstrating the content from this course, relating to an interest or hobby that you have.

NOTE—Your Design Document should have been updated as new material was introduced. as assignments in Weeks 4, 5, and 6.

***You will submit the Zip file from your webpage designed using GitHub as your assignment. Please follow the instructions as provided in the video found in the “Assigned Reading and Preparation Activities” module.***

**Unit 6**

**Mastery Presentation**

Create a short video showing off your website.

* Include the following:
  + An example of your code running on a live domain (GitHub),
  + All pages you have created and their functionality.
  + Additionally, include any interesting or relevant snippets of code.