

# Learning Guide Unit 2

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AY2021-T5  
Book: Learning Guide Unit 2  
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by: Nadine Lynch  
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# Description

Learning Guide Unit 2

# Table of contents

**Overview**

**Introduction**

**Reading Assignment**

**Discussion Assignment**

**Programming Assignment**

**Self-Quiz**

**Checklist**

# Overview

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## Unit 2: Introduction to HTML

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### Topics:

- Planning out a web site
  - Basic HTML tags
  - Navigation between pages
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### Learning Objectives:

By the end of this Unit, you will be able to:

1. Demonstrate ability to use templates to create a web page.
  2. Demonstrate ability to create navigation menu.
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### Tasks:

- Peer-Assess Unit 1 Assignment
- Read the Learning Guide and Reading Assignments
- Participate in the Discussion Forum (Post, Comment and Rate)
- Complete and submit Unit 2 Assignment
- Take the Self-Quiz

# Introduction

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HTML is the basic language of the Internet. It is important to know how to create pages with design tools and with tags in a text editor. While many programs like Dreamweaver will create HTML for you automatically, often you have to adjust elements. That's when knowledge of HTML is very important.

You can view HTML on most pages by using the View Source menu on your browser. HTML is sent from the server to the browser. Next it is rendered by the browser, which means that the browser takes HTML as instructions and then puts the visible elements of the web page. The challenge is that many browsers take freedoms with how they render HTML. This is why the some pages may look differently in each browser. You may find that some HTML tags are not supported on some browsers at all.

You can develop HTML without being connected to the Internet. Simply, use Notepad and save the page with .html extension. You can edit HTML with Notepad and view the page with the browser installed on your computer. That's all it takes to build web sites.

# Reading Assignment

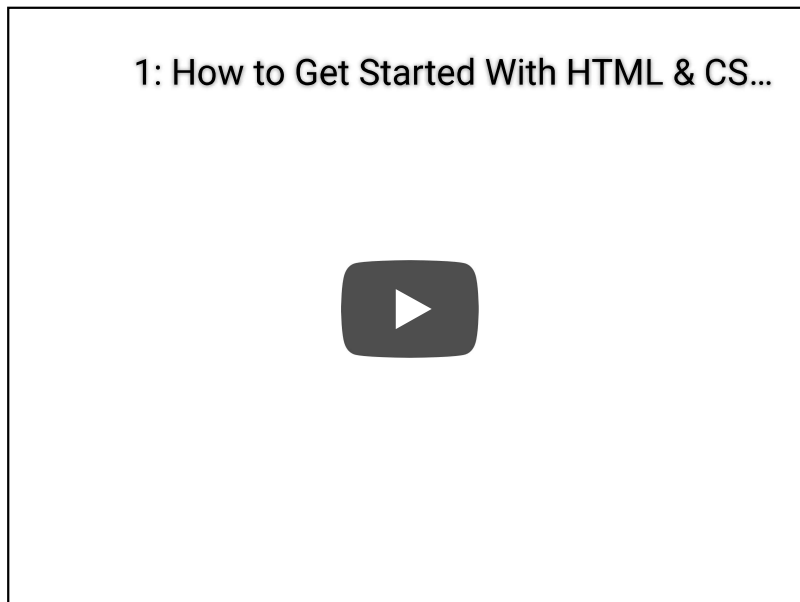
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Study the material of the links provided that cover the topics of the second unit.

- MDN Contributors. (2020, February 13). *Information Architecture—Planning a simple website*. Retrieved from [http://www.w3.org/community/webed/wiki/Information\\_Architecture\\_-\\_planning\\_out\\_a\\_web\\_site](http://www.w3.org/community/webed/wiki/Information_Architecture_-_planning_out_a_web_site)
- W3C. (2017, November 11). *What does a good web page need?* Retrieved from [http://www.w3.org/community/webed/wiki/What\\_does\\_a\\_good\\_web\\_page\\_need](http://www.w3.org/community/webed/wiki/What_does_a_good_web_page_need)
- Raggett, D. (2005, May 25). *Getting Started with HTML*. Retrieved from <http://www.w3.org/MarkUp/Guide/>
- *Getting Started*. (n.d.) Retrieved from <http://www.htmldog.com/guides/html/beginner/gettingstarted/>
- *Lesson 3: Elements and tags*. (n.d.). Retrieved from <http://html.net/tutorials/html/lesson3.php>

## Video Resources

- 
- Krossing, D. (2017, June 22). *1: How to get started with HTML & CSS | HTML tutorial for beginners | Learn HTML and CSS | mmtuts* [Video]. YouTube.



(8:43)

- Wright, J. (2010, November 10). *Learn HTML in 12 minutes* [Video]. YouTube.

## Learn HTML in 12 Minutes



(12:16)

- Web Dev Simplified. (2018, August 22). *Learn CSS in 20 minutes* [Video]. YouTube.

## Learn CSS in 20 Minutes



(23:43)

- Locke, M. (2010, January 22). *Website Design Tips: The Standard Website Layout* [Video]. Retrieved from

## Website Design Tips: The Standard We...



(7:52)

- Locke, M. (2010, February 5). *Color Selection and Web Design* [Video]. Retrieved from

## Color Selection and Web Design



(10:10)



# Discussion Assignment

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Our second DF question is "What are the best practices recommended by web professionals for content layout, menu structure, and other areas of web sites?" Review professional blogs, web design companies' sites, YouTube content. Much on best practices in Web Design has already been published. Sometimes professionals do not agree on all aspects of web design. Please make sure to cite your sources.

# Programming Assignment

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Important Instructions: In this assignment you will create your first web site. Please choose the topic of your project. It can be your hobby, your business, or your town.

1. Use the <https://sites.google.com> site to create the free web site. You will be given a template.
2. You should create at least 5 pages in your site.
3. Make sure to create a navigation menu on all your pages.
4. Make sure to use at least 5 images.
5. Use at least 100 words on each page.
6. Make sure there are no misspellings; check your spelling in a text editor before submitting your work.
7. Once your page is completed insert the URL to your page into the assignment.

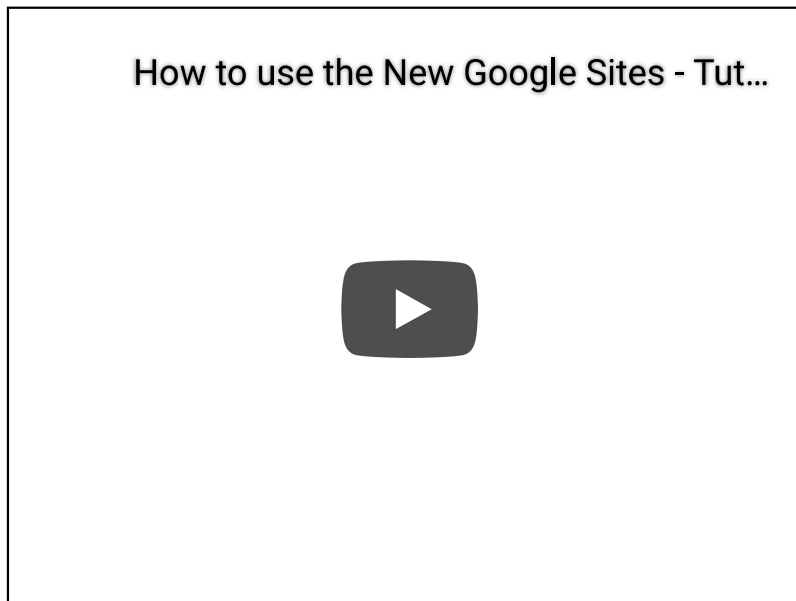
Write a 100-word introduction to your site in the assignment comments. Explain why you chose the subject and how your web site matches the requirements of the assignment.

## **Tutorials to help you get started:**

Getting Started with Sites: <https://gsuite.google.com/learning-center/products/sites/get-started/>

Create or Name a Site: <https://support.google.com/sites/answer/98081?hl=en>

Video - How to Use Google Sites:



Video - The New Google Sites 2016 -

## The NEW Google Sites - Full Tutorial



# Self-Quiz

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The Self-Quiz gives you an opportunity to self-assess your knowledge of what you have learned so far.

The results of the Self-Quiz do not count towards your final grade, but the quiz is an important part of the University's learning process and it is expected that you will take it to ensure understanding of the materials presented. Reviewing and analyzing your results will help you perform better on future Graded Quizzes and the Final Exam.

Please access the Self-Quiz on the main course homepage; it will be listed inside the Unit.

# Checklist

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Peer-Assess Unit 1 Assignment

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Read the Learning Guide and Reading Assignments

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Participate in the Discussion Forum (Post, Comment and Rate)

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Complete and submit Unit 2 Assignment

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Take the Self-Quiz