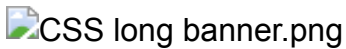


## Unit 2

## CSS



### Introduction

The goal of unit 2 is for you to learn how to use CSS to create the style for a website. CSS controls how various elements on the page (text, images) are styled. In addition, CSS controls the overall layout of blocks of content, such as a sidebar or a menu.



One of the most difficult things for Computer Science students to learn in a web programming class is how to create a beautiful style for a website. Most CS students are not graphic designers and often consider themselves to have relatively few artistic skills. We will show you how to go from a bad design to a passable design. Our goal is not to make you a top notch graphic designer, but to help you learn some basic skills to create adequate designs. Every CS student can do this by learning and practicing the basic principles of web design.

The learning objectives for this unit are:

- Know basic CSS features and use documentation and tutorials to learn additional CSS concepts.
- Demonstrate the use of CSS features to arrange elements on a page.
- Demonstrate the use of CSS to design a responsive web page that works well on both mobile and full size screens
- Use the Bootstrap CSS framework to design a page with a menu and grid layout.
- Demonstrate the ability to use web design principles to create a usable page through effective use of white space, color, typography, hierarchy, consistency, and navigation.

### Calendar

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>Week 3:</b>		<b>Activity C1:</b> <i>Learning CSS Part 1</i>		<b>Activity C2:</b> <i>Learning CSS Part 2</i>		<b>Lab 1:</b> <i>Photographer's Website</i>
<b>Week 4:</b>		<b>Activity C3:</b> <i>Learning Web Design Principles Part 1</i>		<b>Activity C4:</b> <i>Learning Web Design Principles Part 2</i>		<b>Creative Project #1</b>
		<b>CSS Quiz</b>				

# Assignments



## Activities

### Week 3

([https://byu.instructure.com/courses/5724#module\\_52762](https://byu.instructure.com/courses/5724#module_52762))

- **Activity C1:** Learning CSS Part 1
- **Activity C2:** Learning CSS Part 2

### Week 4

([https://byu.instructure.com/courses/5724#module\\_52763](https://byu.instructure.com/courses/5724#module_52763))

- **Activity C3:** Learning Web Design Principles Part 1
- **Activity C4:** Learning Web Design Principles Part 2



## Labs

### Week 3

- **Lab #1:**  
Photographer's Website

### Week 4

None.



## Creative Projects

### Week 3

None.

### Week 4

- **Creative Project #1**



(<https://byu.instructure.com/courses/5724/modules/items/377234>)



(<https://byu.instructure.com/courses/5724/modules/items/362836>)



(<https://byu.instructure.com/courses/5724/modules/items/362839>)



(<https://byu.instructure.com/courses/5724/modules/items/366439>)



(<https://byu.instructure.com/courses/5724/modules/items/362841>)



(<https://byu.instructure.com/courses/5724/modules/items/415271>)

✓ Done