

# Digital Design

## Course description

This bootcamp is designed to teach students how to create responsive front end design and development through both code and CMS.

## Course objectives

Learn html, css, and javascript as it pertains to front end development.

Learn photoshop basics and how to use photoshop to help enhance web load times and creation of graphics. Learn about CMS (content management systems) and how to create responsive websites.

## Materials Needed

Computer or laptop either mac or windows (must be compliant for photoshop, gimp, and vs code download)

## Other information

Through the use of Freecodecamp and projects students will learn how to use HTML and CSS as it applies to digital design. Projects will be code along instruction in order for students to have practical use of HTML and CSS as it concerns creating dynamic front end experiences.

*Students will learn to use canva, gimp, and photoshop in order to learn how to make custom graphics in various programs.*

*Students will learn CMS platforms in order to quickly create and launch websites as well as create all necessary graphics (logos, backgrounds, etc).*

## Week 1

Intro to Graphic Design

- Introduction to graphic design best design practices
- Using Cava tutorial
- Assignment: create 3 graphics in canva
- Gimp tutorial video
- Create a logo in gimp

## Week 2

Intro to PhotoShop

- Photoshop Introduction
- How to use photoshop
- Layers
- Project: Create a logo

## Week 3

PhotoShop week 2

- Photoshop follow along
- Removing backgrounds
- Editing images
- Creating for the web

## Week 4

HTML/CSS

- Installing necessary programs
- VS Code instruction
- Freecodecamp HTML CSS
- Basic HTML CSS project code Along with instructor

## Week 5

Responsive UI

- Freecodecamp lessons
- Flexbox Froggy
- Login UI with Flexbox

## Week 6

Catch Up week

- Freecodecamp Lesson
- Catch Up for Previous Assignments

## Week 7

Responsive  
Sites with  
Bootstrap

- Intro to Bootstrap
- Bootstrap projects
- Project set up code along

## Week 8

Intro to Wix

- How to develop/diagram a website
- Intro to Wix
- Wix Assignment

## Week 9

Designing for  
clients with  
Wix

- Which template is best
- Wix Client Assignment
- Catch up if necessary

## Week 10

Intro to  
WordPress

- Intro to Wordpress
- Free vs Paid Hosting
- WordPress assignment

## Week 11

WordPress  
week 2

- Plug-ins, themes, and when to use custom code
- Client Assignment with Student created graphics

## Week 12

Clients last  
CMS  
assignments

- Dealing with clients
- Blank site design assignment
- Final week for missing assignments

## Week 13

Social Media and  
Marketing

- Social media and marketing
- Linkdin
- TikTok
- Instagram
- Facebook
- Twitter

## Week 14

Student sites

- *Creating a portfolio*
- *Marketing yourself*

## Week 15

Intro to Software  
QA

- Intro to Software QA by Phil Lan

## Week 16

Tech Recruiting

- Tech Recruiting by Phil Lan