

Digital Skills Pilot



✦ ladies
learning
code

Program Outline

We'll start from the beginning with the basics of HTML & CSS - what it means, what it is and you'll start coding your very own website starting on day one.

Content of the workshops is as follows:

- Creating HTML page structures
- Writing semantic & standards compliant HTML5 (Only the newest HTML5 & CSS3)
- Getting started with CSS

Students will learn about the design process, how user interactions factor into good design and some simple tools you can use and apply right away in your own projects, personally or professionally.

- Elements of good design
- Fonts & typography
- Designing logos and page layouts
- Use design software: Pixlr
- How to use colour & graphics

In weeks 3 and 4, we'll take a deeper dive into HTML & CSS, and learn how to create websites that are responsive - or mobile friendly - and look good on all device types and sizes.

- HTML/CSS fundamentals (box model, positioning, CSS3, best practices, tips & tricks)
- Creating flexible & responsive web pages
- Advanced CSS principles & animation

Students will be introduced to programming basics and how to add interactivity to their web projects using the popular JavaScript library, jQuery. By the end of week 6, web pages will no longer just sit there and look pretty, they'll be full of fun interactions and 'web tricks'.

- JavaScript vs. jQuery
- Using jQuery effects & plugins - think photo sliders, smooth scroll, sticky navs and more!

In our final week, students will learn what content management systems are all about. We'll explore different options for using the popular and powerful WordPress platform and tips for creating and styling content in WordPress.

Then we'll spend some time adding finishing touches to our projects and cover different options for getting projects up and live for the world to see!

- What is a CMS?
- WordPress.com vs WordPress.org
- Intro to Blogging
- Domains & hosting
- How to use FTP software; and internship matching!