**Code 101 course desc.**

Overview

Thinking about a new career in software development? Start here! In this one-day workshop, you'll get a taste of a day in the life of a software developer.

Get a sneak peek of the Code Partners learning experience, find out how websites are built, and code a webpage yourself using industry-standard tools and professional coding practices.

## Outcomes

At the end of this workshop, you will:

* Understand the basics of what it means to be a professional software developer.
* Understand how HTML, CSS, and JavaScript work together to create the modern web.
* Create a complete website.
* Know how to deploy your website and be able to share your accomplishments with friends and family.
* Be able to identify whether a career in coding and the Code Partners program is right for you.

Prerequisites

Set up Atom, Terminal, and Git. Follow the guide for your operating system below.

* [Mac OS X guide](https://github.com/codefellows/unix-and-git-workshop/blob/master/prework/mac/1_terminal.md)
* [Ubuntu guide](https://github.com/codefellows/unix-and-git-workshop/blob/master/prework/ubuntu/1_terminal.md)
* [Windows guide](https://github.com/codefellows/unix-and-git-workshop/blob/master/prework/windows/1_terminal.md)

Having trouble following these guides? An hour before the start of the workshop will be dedicated to helping students get their computers set up with these tools.

## Topics

#### **Computer Setup**

* Slack
* Atom
* Git

#### **The Modern Web**

* How the pieces work together

#### **HTML**

* Building your website

#### **CSS**

* Integrating style sheets
* Modifying CSS styles

#### **Collaboration**

* Sharing code
* Git and version control
* Terminal and the command line

#### **The Tech Industry**

* A typical day for a software developer
* Common job titles
* The path to becoming a web or mobile developer

*Setup guides for bringing your own computer:*

* [Mac OS X guide](https://github.com/codefellows/unix-and-git-workshop/blob/master/prework/mac/1_terminal.md)
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