

Pre-Bootcamp Coding Class Syllabus

The Pre-Bootcamp coding class isn't run like a traditional "class". There is no homework or rubrics or grades. It's more of a laid back space where, as a coding bootcamp grad myself, I can share my knowledge and provide a laid-back atmosphere to practice basic coding skills.

Over the course of 12 weeks I'll walk you through introductory concepts of HTML, CSS, Web Design and Javascript and then teach you how to create your own one-page website.

If you stick it through, by the end of this time you should feel more than ready to start a coding bootcamp. You'll also have an edge on all your classmates when you do!

Tools You Will Need:

- [Visual Studio Code](#) (free code editor)
- [Figma](#) account (free web design tool)
- [Github](#) account (a developer community and hosting platform)

Rules:

- All questions are valid and important
- Embrace breaking things; it's where the learning happens
- 90% of coding is knowing how to Google
- If your code broke, it's probably a typo

Course Overview:

The first four weeks will be a sandbox learning environment. You will be exposed to some basic skills in each area, get used to the syntax, and experiment.

- **Day 1 - HTML (Hypertext Markup Language)**
 - HTML is the "skeleton" of all web applications. Learn how to write HTML tags to create the structure for your website.
- **Day 2 - CSS (Cascading Style Sheets)**

- CSS is where the fun begins. Learn some basic CSS properties that will allow you to style your page and make it look beautiful.
- **Day 3 - Design**
 - Before you spend a lot of time coding out your page, it's always best to start with a plan. Learn how to use Figma, as well as some basic design resources, in order to create a site that's both beautiful and functional.
- **Day 4 - Javascript**
 - Javascript is the go-to programming language for front end web development. We will cover some fundamentals, and create our first Javascript function.

The next 8 weeks I will walk you through building a professional-looking website step by step. At the end, you will have a fully functional site that you can actually use, as well as a piece to include in your portfolio for any future job hunts.

- **Day 5 - Create a Navbar and Header**
- **Day 6 - About Section**
- **Day 7 - CSS Grid & Cards**
- **Day 8 - Additional Card styling & Footer**
- **Day 9 - Animate with Javascript**
- **Day 10 - Animate with CSS**
- **Day 11 - Adding Media Queries**
- **Day 12 - Deploy to Github**