

Comit

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Introduction to programming

June 17, 2022

Course syllabus

# Introduction to programming

## Module 1

About me (intro)  
What you'll need, but not required..  
How to get help?  
In this course (What you'll learn)  
History of the internet  
How does the internet work?  
How does the internet work (cont)  
What happens when you surf the internet?  
What project do you want to make?  
Let's get started, Question and answer period!

## Module 2

Intro to html  
What is an html tag?  
What we will build?  
What is a html boilerplate?  
Anatomy of HTML  
HTML Lists  
HTML image elements  
HTML Links and Anchor tags

## Module 3

- User experience
- Website layout
- Folder topology
- Planning out your site
- Intro to CSS
- Inline CSS
- Internal CSS
- External CSS
- Debugging CSS

## Module 4

- HTML DIV's
- The box model
- Static, Relative and Absolute positioning
- Centring elements with CSS
- Basic concepts of Flexbox
- Intro to Bootstrap

## Module 5

- Intro to Javascript ES6
- Naming conventions
- Adding JavaScript to a webpage
- Variables
- String concatenation
- Basic Arithmetic and Modulo operator
- Creating and calling Functions
- Parameters and arguments

## Module 6

Control statements using If-Else Conditionals and Logic  
Conditional ternary operators  
Comparators and Equality  
Combining Comparators  
Working with Arrays  
While loops  
For loops  
The DOM

## Module 7

The BOM  
Selecting HTML elements with Javascript  
Changing HTML with Javascript  
Manipulating Text and content property  
Manipulating HTML elements  
Intro to JQuery  
How to add JQuery to websites  
Selecting elements with JQuery  
Manipulating Styles and text with JQuery  
Adding Event listeners with JQuery

## Module 8

Starting your project  
Using Replit  
Back to Bootstrap  
Introduction to React and other frameworks  
Other online platforms