

HackerYou Course Syllabus

Web Development Fundamentals

CLASS 1

Intro to HTML

Welcome to Web Development Fundamentals! Today we'll go through the tools you'll need to take this course, and give you a high-level overview of what HTML is. We'll talk tags, content, and style.

CLASS 2

HTML Elements

In this class we'll learn about HTML elements, both semantic and structural, and we'll dive into HTML attributes and links.

CLASS 3

Intro to CSS

HTML is used to describe content and give pages their structure. To style it, we need another language – CSS. With this language, you can control virtually any visual aspect of your HTML on the page!

CLASS 4

CSS Colours and Dimensions

Colour is an important component to styling and CSS. In this class, we'll talk about Hex, RGBA, HSLA, and we'll learn how to create backgrounds, borders, and margins.

CLASS 5

CSS Typography

Dev tools are the secret weapon to any designer or developer, and today we'll show you what tools we use at HackerYou. We're also going to dive headfirst into CSS typography.

CLASS 6

Layout

In this class we'll learn how to create structure and lay out our pages effectively. We'll use a little math to create columns, borders, and other structural elements.

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CLASS 7

Advanced Layouts and Project One

It's time for your first project! You'll combine all the tools you've learned thus far to create a one page site for a client of your choice, or yourself!

CLASS 8

Display and Positioning

Getting comfortable with positioning and display properties will help you solve common layout issues. We'll work with floats, widths, heights and other properties to get comfortable with layouts.

CLASS 9

Lists & Navigations

Lists are important. There are ordered, unordered, styled and unstyled lists. We'll walk through these and show you how to use lists to add navigations to your site.

CLASS 10

Text Editor Customization, Emmet and Project Work Time

Now that you're more comfortable with some of our tools – it's time to learn the shortcuts to help you code faster. Students will also have in-class time to work on projects with the help of mentors.

CLASS 11

Forms

Forms are one of the final aspects of HTML that we will explore in this class. You'll learn how to style them, and how they interact with a server.

CLASS 12

Social Embedding, Iconography, and SVG

Today we'll learn how to embed social buttons onto a site so you can seamlessly integrate your social media presence. We'll also walk through the world of icon fonts and SVGs.

PROJECT ONE

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Your first project will be a single page site for a fictional client of your choice (or yourself!), utilizing the skills you've learned so far. Participants will be required to use semantics to describe your content, and CSS to style IMG elements and backgrounds.