Course content

Welcome and First Steps

- A High-Level Overview of Web Development

- Setting Up Our Code Editor

- Your Very First Webpage!

HTML Fundamentals

- Section Intro

- Introduction to HTML

- HTML Document Structure

- Text Elements

- More Text Elements: Lists

- Images and Attributes

- Hyperlinks

- Structuring our Page

- A Note on Semantic HTML

- Installing Additional VS Code Extensions

- CHALLENGE #1

- CHALLENGE #2

CSS Fundamentals

- Section Intro

- Introduction to CSS

- Inline, Internal and External CSS

- Styling Text

- Combining Selectors

- Class and ID Selectors

- Working With Colors

- Pseudo-classes

- Styling Hyperlinks

- Using Chrome DevTools

- CSS Theory #1: Conflicts Between Selectors

- CSS Theory #2: Inheritance and the Universal Selector

- CHALLENGE #1

- CSS Theory #3: The CSS Box Model

- Using Margins and Paddings

- Adding Dimensions

- Centering our Page

- CHALLENGE #2

- CSS Theory #4: Types of Boxes

- CSS Theory #5: Absolute Positioning

- Pseudo-elements

- Developer Skill #1: Googling and Reading Documentation

- Developer Skill #2: Debugging and Asking Questions

- CHALLENGE #3

Layouts: Floats, Flexbox, and CSS Grid Fundamentals

- Section Intro

- The 3 Ways of Building Layouts

- Using Floats

- Clearing Floats

- Building a Simple Float Layout

- box-sizing: border-box

- CHALLENGE #1

- Introduction to Flexbox

- A Flexbox Overview

- Spacing and Aligning Flex Items

- The flex Property

- Adding Flexbox to Our Project

- Building a Simple Flexbox Layout

- CHALLENGE #2

- Introduction to CSS Grid

- A CSS Grid Overview

- Sizing Grid Columns and Rows

- Placing and Spanning Grid Items

- Aligning Grid Items and Tracks

- Building a Simple CSS Grid Layout

- CHALLENGE #3

Web Design Rules and Framework

- Section Intro

- Project Overview

- Overview of Web Design and Website Personalities

- Web Design Rules #1: Typography

- Implementing Typography

- Web Design Rules #2: Colors

- Implementing Colors

- Web Design Rules #3: Images and Illustrations

- Web Design Rules #4: Icons

- Implementing Icons

- Web Design Rules #5: Shadows

- Implementing Shadows

- Web Design Rules #6: Border-radius

- Implementing Border-radius

- Web Design Rules #7: Whitespace

- Web Design Rules #8: Visual Hierarchy

- Implementing Whitespace and Visual Hierarchy

- Web Design Rules #9: User Experience (UX)

- The Website-Personalities-Framework

- The Missing Piece: Steal Like An Artist!

Components and Layout Patterns

- Section Intro

- Web Design Rules #10 - Part 1: Elements and Components

- Building an Accordion Component - Part 1

- Building an Accordion Component - Part 2

- Building a Carousel Component - Part 1

- Building a Carousel Component - Part 2

- Building a Table Component - Part 1

- Building a Table Component - Part 2

- CHALLENGE #1: Building a Pagination Component

- Web Design Rules #10 - Part 2: Layout Patterns

- Building a Hero Section - Part 1

- Building a Hero Section - Part 2

- Building a Web Application Layout - Part 1

- Building a Web Application Layout - Part 2

Food Project – Setup and Desktop Version

- Section Intro

- The 7 Steps to a Great Website

- Defining and Planning the Project (Steps 1 and 2)

- Sketching Initial Layout Ideas (Step 3)

- First Design and Development Steps (Step 4)

- Responsive Design Principles

- How rem and max-width Work

- Building the Hero - Part 1

- Building the Hero - Part 2

- Building the Hero - Part 3

- Building the Header

- Building the Navigation

- Setting Up a Reusable Grid

- Building the How-It-Works Section - Part 1

- Building the How-It-Works Section - Part 2

- Building the Featured-In Section

- Building the Meals Section - Part 1

- Building the Meals Section - Part 2

- Building the Meals Section - Part 3

- Building the Testimonials Section - Part 1

- Building the Testimonials Section - Part 2

- Building the Pricing Section - Part 1

- Building the Pricing Section - Part 2

- Building the Features Part

- Building the Call-To-Action Section - Part 1

- Building the Call-To-Action Section - Part 2

- Building the Call-To-Action Section - Part 3

- Building the Footer - Part 1

- Building the Footer - Part 2

Food Project – Responsive Web Design

- Section Intro

- How Media Queries Work

- How to Select Breakpoints

- Responding to Small Laptops

- Responding to Landscape Tablets

- Responding to Tablets

- Building the Mobile Navigation

- Responding to Smaller Tablets

- Responding to Phones

Food Project – Effects, Optimizations and Deployment

- Section Intro

- A Short Introduction to JavaScript

- Making the Mobile Navigation Work

- Implementing Smooth Scrolling

- Implementing a Sticky Navigation Bar

- Browser Support and Fixing Flexbox Gap in Safari

- Testing Performance With Lighthouse

- Adding Favicon and Meta Description

- Image Optimizations

- Deployment to Netlify

- Making the Form Work With Netlify Forms