

GUGLEX ACADEMY

Master Course Packet

Onsite & Online

Part-Time

Web Developer Curriculum

Target Salary

2K - 4.5K Per Month

Learn by Doing

You'll start coding from day one on campus. Dive into a fast, project-based learning environment that fosters collaboration, not competition.

Anyone Can Learn to Code

Anyone can learn to code, but the path to becoming a developer isn't easy. The most successful students dedicate at least 15-25 hours/week to the bootcamp.

Module -1 [Getting Started]

Module Introduction
What is CSS
CSS History, Present Future
Course Outline
Course Prerequisites
How to get the most of this project
Installation kits

Module -2 [CSS Jumpstart]

Module Introduction
Diving into the basic of CSS
Understanding the course project Setup
Adding CSS to our project with inline styles
Understanding the style tag creating a .css file
Applying addition styles importing google fonts
Theory time - Selectors
Understanding the cascading style specificity
Understanding Inheritance
Adding Combinators
Theory Time - Combinators
Summarizing Properties Selectors
Wrap Up

Module -3 [CSS Jumpstart]

Diving Deeper into CSS

Module Introduction

Introducing the CSS Box Model

Understanding the Box Model

Understanding Margin Collapsing and Removing Default Margins

Theory Time - Working with Shorthand Properties

Applying Shorthands in Practice

Diving Into the Height Width Properties

Understanding Box Sizing

Adding the Header to our Project

Understanding the Display Property

Understanding an Unexpected inline-block Behaviour

Working with text-decoration vertical-align

Styling Anchor Tags

Adding Pseudo Classes

Theory Time - Pseudo Classes Pseudo Elements

Grouping Rules

Working with font-weight border

Module -4 [CSS Selectors]

Module Introduction
More on Selectors CSS Features
Using Multiple CSS Classes Combined Selectors
Classes or IDs
Selecting the Opposite with not()
CSS Browser Support
Wrap Up

Module -5

Project Work

Module -6 [Position Elements with CSS]

Module Introduction
Why Positioning will Improve our Website
Understanding Positioning - The Theory
Working with the fixed Value
Creating a Fixed Navigation Bar
Using position to Add a Background Image
Diving Deeper into Relative Positioning
Working with overflow and Relative Positioning
Introducing sticky Positioning
Understanding the Stacking Context
Wrap Up

Module -7 [Understanding background images]

Module Introduction
Understanding background-size
Working with background-position
The background Shorthand - Theory
Applying background Origin, Clip Attachment
Styling Images
Adding the Customers Page to our Website
Working on the Image Layout
Understanding Filters
Adding Styling SVGs - The Basics

Module -8 [Understanding Positioning]

Module Introduction
What's Wrong With Our Project Units
Where Units Matter
An Overview of Available Sizes Units
Rules to Remember Fixed Positioning
Rules to Remember Absolute Positioning
Rules to Remember Relative Static Positioning
Fixing the Height 100 Issue
Defining the Font Size in the Root Element
Using min-width height max-width height
Working with rem em
Adding rem to Additional Properties
Finishing rem
Understanding the Viewport Units vw vh
Choosing the Right Unit

Module -9 [Working with Javascript CSS]

Module Introduction

Adding a Modal

Selecting Manipulating Styles with JavaScript

Adding an Event Listener

Adding a Side Navigation Bar

Opening and Closing the Hamburger Menu

Manipulating Element Classes

Module -10 [Marking our Website Responsive]

Module Introduction

Why our Project Should Become Responsive

Understanding Hardware Pixels vs. Software Pixels

Comparing the Viewport Metatag (HTML) and Media Queries (CSS)

Understanding the viewport Meta Tag

Designing Websites Mobile First

Adding our First Media Queries

Things to Keep in Mind when Working with Media Queries

Finding the Right Breaking Points

Making the Plans Responsive

Module -11[Adding styling forms]

Module Introduction
Adding the Unstyled Form
Understanding Advanced Attribute Selectors
Working on the General Layout
Restyling the Form Elements
Styling the Checkbox
Providing Evaluation Feedback
Styling the Signup Button

Module -12 [Working with Text and Fonts]

Module Introduction
Comparing Generic Families Font Families
Understanding the Browser Settings
Using the Default Font Families
Understanding the font-family Syntax
Working with Locally Saved Fonts
Working with Google Fonts
Understanding Font Faces font-style
Importing our Custom Fonts
Understanding Font Formats
Diving into Font Properties
Adding letter-spacing
Changing the Line Height
Applying text-decoration
Understanding the font shorthand
Loading Performance

Module -13 [Adding Flexbox to our project]

Module Introduction
Understanding Flexbox
Creating a Flex Container
Using flex-direction flex-wrap
Understanding the Importance of Main Axis Cross Axis
And What About align-content
Improving the Navigation Bar with Flexbox
Your Challenge - Working on the Mobile Navigation Bar
Working with align-self
Understanding flex-grow
Applying flex-shrink
Comparing flex-basis vs width height

Module -14 [Transforming Elements with CSS Transforms]

Module Introduction
Rotating Elements and setting transform-origin
Using Rotate and Translate
Working with skew and scale
Applying Transformation Shorthands
Moving Elements along the Z-Axis with translateZ

Media Handles

Whatsapp Group

<https://chat.whatsapp.com/KYtA0f4G693FpANYwVwRi0>

Telegram Group

<https://t.me/joinchat/WtRbzAm9HLE1Mjk0>

Slack Channel

https://join.slack.com/t/guglexacademy/shared_invite/zt-texpynvl-rNMRJwsPE80EwmtcVCCCUQ