

# Website Designing Course (Beginners)

## Description

You can launch a new career in web development by learning HTML & CSS. You don't need a computer science degree or expensive software. All you need is a computer, a bit of time, a lot of determination, and a teacher you trust. We've taught HTML and CSS to countless students and held training sessions for learners.

Don't limit yourself by creating websites with some cheesy "site-builder" tool. This course teaches you how to take 100% control over your webpages by using the same concepts that every professional website is created with.

This course does not assume any prior experience. We start at square one and learn together bit by bit. By the end of the course, you will have created (by hand) a website that looks great on phones, tablets, laptops, and desktops alike.

## Who this course is for:

- Anyone who wants to build websites the "professional" way
- Anyone who has practiced web design as a hobby but is not confident about their skillset in a professional arena
- Experienced developers looking to renew their HTML5 & CSS3 knowledge

## Course content (22 Sections)

### Welcome

- Course Introduction
- Big Picture Overview of Course (What to Expect)

### HTML Essentials

- Why HTML is Exciting
- First Look at HTML
- The Easiest Way to Get Started
- Hands On! Create your First HTML File
- Bulleted Lists
- HTML Document Structure
- First Look at Attributes: Linking Pages Together

### Adding Media to a Web Page

- Images
- Audio Files
- Video Files
- Vector Graphics & Illustrations
- Text Basics
- Headings
- Lists
- Bold & Italic
- Special Characters

### Semantics & Organization

- Semantic Structural Elements

- Navigation
- Non-semantic Elements ("div" and "span")
- HTML Comments
- The "Section" Element

## Forms

- Forms
- Different Types of Inputs
- Choosing Between a set of options

## Tables

- How to Create a Table of Data
- Do Not Use Tables for Layout

## CSS Essentials

- CSS Introduction
- CSS Selectors
- The Cascade
- Box Model
- Quick Note About CSS Floats
- Creating a Page Layout with Floats
- Beauty School! Apply What We've Learned

## Intermediate CSS

- Styling Navigation Menu
- Overlapping Content & Positioning
- Less Exciting Yet Still Necessary CSS Tasks
  
- Styling Tables
- Styling Forms

## CSS Typography

- CSS Typography
- Using Custom "Web" Fonts

## Developer Timeout

- Developer Tools | Inspect Elements

## CSS Backgrounds

- Background Images  
Gradient Backgrounds
- CSS Sprites
- Full Width Backgrounds - Fixed Width Content

## Responsive Web Design

- Chapter Introduction
- Responsive Web Design
- Responsive Grids

## CSS3 Special Effects

- Box Shadows
- Rounded Corners
- CSS Transform
- CSS Transitions

## What is Bootstrap

- Bootstrap (Grids)
  - Bootstrap Plugins
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## Leveraging JavaScript without Writing JavaScript

- JavaScript Introduction
- DOM & BOM.
- JavaScript Programming Constructs
- Introduction to event handlers
- Event handling through event handlers.

## Cross Browser Compatibility

- Cross Browser Support & Feature Detection