



HTML Programming Level 2

Course HTML-02D 2 Days Instructor-led, Hands on

Introduction

Building on the concepts in HTML Level 1, this course is designed for students who want to learn some of the more advanced elements and techniques of HTML

In this course, students will learn to how to use advanced page design using CSS and create HTML forms

At Course Completion

Upon successful completion of this course, students will know how to:

- Use Padding, Margins, and Alignments
- Use the CSS Box Model and Positioning
- Enhance Lists, Text, and Navigation
- Create Layouts using Modern CSS Techniques
- Work with Backgrounds and Borders
- Build a Web-based Form

Prerequisites

This course assumes that students have completed the following course or have equivalent experience:

- HTML Programming Level 1

Course Outline

Module 1: Working with Margins, Padding, Alignment, and Floating

- Using Margins
- Padding Elements
- Keeping Everything Aligned
- Centering Blocks of Content
- Understanding the float Property

Module 2: Understanding the CSS Box Model and Positioning

- The CSS Box Model
- Changing the Box Model
- The Whole Scoop on Positioning

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- Controlling the Way Things Stack Up
- Managing the Flow of Text

Module 3: Using CSS to Do More with Lists, Text, and Navigation

- HTML List Refresher
- How the CSS Box Model Affects Lists
- Placing List Item Indicators
- Creating Image Maps with List Items and CSS
- How Navigation Lists Differ from Regular Lists
- Creating Vertical Navigation with CSS
- Creating Horizontal Navigation with CSS

Module 4: Creating Layouts Using Modern CSS Techniques

- Getting Ready to Do Page Layout
- The Importance of Putting Mobile Devices First
- Understanding Fixed Layouts
- Understanding Liquid Layouts
- Creating a Fixed/Liquid Hybrid Layout
- Using Modern CSS Layout Techniques

Module 5: Taking Control of Backgrounds and Borders

- Reviewing Background and Border Basics
- Using Multiple Borders and Backgrounds
- Using Forgotten Background Properties
- Using Gradients as Backgrounds
- Rounding the Corners of HTML Elements
- Using Images as Borders
- Understanding CSS Outlines

Module 6: Working with Web-Based Forms

- How HTML Forms Work
- Creating a Form
- Accepting Text Input
- Naming Each Piece of Form Data
- Labeling Each Piece of Form Data
- Grouping Form Elements
- Exploring Form Input Controls
- Using HTML5 Form Validation
- Submitting Form Data