

HTML5 and CSS3 – Fundamentals

Description

The HTML5 and CSS3 training provides the essential foundations to design and style modern web pages. Accessible and progressive, it guides you step by step to understand the key concepts of the HTML language and to discover the power of CSS style sheets. You will learn how to structure your content, manage visual elements, and make your websites clearer and more engaging. Each module is designed to develop your skills with concrete examples and practical exercises.

Why learn HTML5 and CSS3 today

Web development relies on solid foundations. HTML5 and CSS3 are the cornerstone for anyone wishing to design reliable and well-structured websites. This HTML5 and CSS3 training gives you a clear and effective method. You will understand how to organize your documents, integrate images, create tables or simple forms. You will also discover how CSS styles enhance the look of web pages, improve readability, and create a better user experience.

Course Content

Module 1: Introduction and Basics

- What is HTML
- HTML vs Programming Languages
- Creating an HTML file using Notepad++
- How to use tags
- What are attributes
- Working on the HTML document
- HTML document hierarchy rules
- Making the HTML document readable
- Whitespace and preformatted text
- Styling and formatting text using HTML tags
- Abbr tag and title attribute
- HTML entities

Module 2: HTML Lists

- Unordered lists
- Ordered lists
- Type and value attributes for HTML list formatting
- Nesting multiple lists
- Creating descriptions

Module 3: HTML Tables

- Building tables
- Headers
- Managing table height and width
- Using the rowspan attribute
- Nested tables

- Cell spacing and padding
- Creating a full website layout using tables

Module 4: URLs, Links and Iframes

- Understanding URLs and their parts
- Linking one web page to another
- Linking to an HTML file in a subdirectory
- Linking a web page to an HTML file in a parent directory
- Adding bookmarks
- Target attribute
- Linking all pages and creating a navigable website
- Iframes
- Creating a navigation page with an iframe

Module 5: HTML and Images

- Adding images
- Adding inline images
- Linking images to web pages and other images
- Title and Alt attributes

Module 6: Introduction to CSS and Basics

- What is CSS
- Inline CSS
- Internal CSS
- External CSS
- The Div tag

Module 7: CSS Selectors

- Different states of the anchor tag
- CSS sibling and child selectors

Module 8: CSS Dimensions

- Height and width properties
- Pixels and percentages
- Margins
- Padding
- Important dimension rules

Module 9: CSS Box Model

- CSS borders
- Extended border modes in CSS
- CSS backgrounds
- Float and clearing

Module 10: CSS Lists, Text, Fonts and Tables

- CSS lists
- Adding images to CSS lists

- Creating a simple navigation bar with CSS lists
- CSS text
- CSS fonts
- CSS tables

Lab / Exercises

- During the course participants are encouraged to actively participate in the learning experience by running example files during lectures and performing coding challenges during labs
- Each lab session allows you to compare your solution to the instructor's

Documentation

- Digital courseware included

Participant profiles

- Beginner web developers
- Webmasters who want to create or maintain a website
- Digital project managers
- Students or career changers entering the web field

Prerequisites

- A basic familiarity with PC's and Windows
- A basic understanding of how the Internet works

Objectives

- Be familiar with the building blocks of the HTML 5 markup language and
- Understand how to design and layout Web pages
- Create tables and lists
- Understand how to develop Web pages and forms
- Have a working knowledge of Cascading Style Sheets 3 and the formatting power they can bring to your Web pages

Description

HTML5 and CSS3 Training – Fundamentals

Niveau

Fondamental

Classroom Registration Price (CHF)

1600

Virtual Classroom Registration Price (CHF)

1500

Duration (in Days)

2

Reference

HTM-01