HTML5 and CSS3 – Advanced

Description

The advanced HTML training "HTML5 and CSS3 – Advanced" is designed for those who want to go beyond the basics. It helps strengthen technical skills while adopting modern best practices in web design. With a structured program, this course provides the tools to build high-performing, adaptive websites tailored for user experience.

By following this HTML5 and CSS3 training, you will gain autonomy in your web development projects. You will be able to design modern pages, optimize their display, and integrate new CSS features. The content also covers the latest language evolutions, preparing you for current and future trends in web development.

Course Content
Module 1: What's new beyond the basics?

- Less common HTML elements
- Best practices for structuring pages

Module 2: Managing and styling tables

- Tables and functions
- Table formatting
- Responsive tables

Module 3: SVG vector graphics on websites

- Vector graphics vs pixel
- Scaling
- Embedding SVG files

Module 4: SVG and animation/events

- Responsive photos on websites
- Producing images for websites
- Techniques for responsive images; changing images instead of scaling
- Image element
- Srcset and sizes

Module 5: CSS Flexbox positioning

- Browser support and use cases
- Container element properties
- Child element properties

Module 6: CSS Grid positioning

- Browser support and use cases
- Grid techniques and properties

Module 7: Different CSS positioning techniques, page example

- Float and absolute positioning
- Flexbox components on the page
- CSS Grid as the layout foundation

Module 8: New CSS features for more flexible formatting

- Text scaling
- New units of measurement
- Dividing space with calculations, calc() function
- Feature queries, @supports

Documentation

- Digital courseware included

Participant profiles

- Web developers
- Webmasters
- Digital project managers
- Web integrators

Prerequisites

- Know the basics of HTML and CSS
- Understand how browsers and the file system work
- Have completed the "HTML5 and CSS3 – Fundamentals" training or equivalent

Objectives

- Start a Web page authoring
- Learn about XHTML, the latest technology in Web page authoring
- Learn how to style your Web pages using Cascading Style Sheets

Description
HTML5 and CSS3 Training – Advanced
Niveau
Avancé
Classroom Registration Price (CHF)
1600
Virtual Classroom Registration Price (CHF)
1500
Duration (in Days)
2
Reference
HTM-02