# HTML5 and CSS3 – Advanced

## Description

The Web Publishing with XHTML & CSS course teaches you the fundamentals of Web page authoring and design through reading materials, interactive quizzes, exercises, and assignments.

**Niveau**
Avancé

**Course Content**

**Module 1: What is new after Basics?**

- Lesson 1: Rarer HTML elements
- Lesson 2: Good practices for executing page structures

**Module 2 : Managing and formatting tables**

- Lesson 1: Tables and usability
- Lesson 2: Formatting tables
- Lesson 3: Responsive tables

**Module 3: SVG vector graphics on websites**

- Lesson 1: Vector vs. pixel graphics
- Lesson 2: Scaling
- Lesson 3: Attaching SVG files

**Module 4 : SVG and animation/events**

- Lesson 1: Responsive pictures on websites
- Lesson 2: Producing pictures for websites
- Lesson 3: Technique for responsive pictures; changing pictures – not scaling them
- Lesson 4: Picture element
- Lesson 5: Arcset and sizes

**Module 5: CSS Flexbox positioning**

- Lesson 1: Browser support and uses
- Lesson 2: Features of container elements
- Lesson 3: Features of child elements

**Module 6: CSS Grid positioning**

- Lesson 1: Browser support and uses
- Lesson 2: Grid technique, features

**Module 7: Different CSS positioning techniques together, sample page**

- Lesson 1: Float and absolute positioning
- Lesson 2: Flexbox components on the page
- Lesson 3: CSS Grid as the page layout base

**Module 8: New features of CSS make formatting more flexible**

- Lesson 1: Scaling text
- Lesson 2: New measurement units
- Lesson 3: Dividing space by calculation, calc() function
- Lesson 4: Feature queries, @supports

## Documentation

- Digital courseware included

## Participant profiles

- Web developers who need to implement Web-based solutions and work in a HTML document environment
- Webmasters who want working knowledge of HTML to create and maintain Web sites
- Project managers who must have a basic understanding of what is possible to accomplish with HTML and related technologies

## Prerequisites

- Participants should have followed or have knowledge covered by HTML5 et CSS3 - Les fondamentaux

## 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

**Classroom Registration Price (CHF)**
1600
**Virtual Classroom Registration Price (CHF)**
1500
**Duration (in Days)**
2
**Reference**
HTM-02