# HTML5 and CSS3 – jQuery and Bootstrap

## Description

This course offers a comprehensive approach to understanding and using HTML5, CSS3, jQuery, and Bootstrap. It combines theory and practice to help participants build solid skills in front-end development. The objective is to provide concrete mastery of the essential web languages and their modern applications.

The training is based on the open-source code editor Brackets. Learners will discover how to structure pages with HTML5, enhance design with CSS3, and bring interactivity to life using jQuery. The integration of Bootstrap adds an extra dimension, enabling the creation of modern, adaptive websites perfectly suited for mobile screens.

## A training program tailored to today's web needs

With the fast-paced evolution of web technologies, this course serves as the ideal refresher for professionals already working in the field. PHP and Java developers, as well as web designers, will find the keys to better integrating front-end standards into their projects. Each module is built around real-world examples, making learning clear, practical, and progressive.

### Course Content

- Module 1: HTML5 & CSS3, history, usages
- Module 2: HTML 4, webpage creation; HTML5, webdevelopment
- Module 3: CSS: selectors et properties
- Module 4: Workshop: modernizing webcode of an existing webpage
- Module 5: Interactions and hyper-links; buttons et forms
- Module 6: Interfaces with HTML5 and CSS: tables, flexbox model, positionning
- Module 7: HTML5 and programming: javascript, a basis
- Module 8: Javascript and jQuery: a library to simplify front-en development
- Module 9: jQuery and CSS: introduction to the Bootstrap library
- Module 10: Bootstrap: responsive design
- Module 11: Bootstrap: interactivity, carousels, "scrollspy"

### Documentation

- Digital courseware included

### Participant profiles

- Web designers looking to modernize their practices
- PHP and Java developers integrating front-end
- Dreamweaver users wishing to evolve towards modern standards
- Multimedia and digital communication professionals

### Prerequisites

- Be comfortable using computer tools
- Know the basics of using graphic tools such as Photoshop or Illustrator
- Have basic knowledge of digital document structuring

### Objectives

- Understand the role of HTML5, CSS3 and JavaScript in a web page
- Write structured code in HTML5 and CSS3
- Preview and analyze pages with Brackets and Chrome
- Apply best practices for structure and styling
- Integrate and use the jQuery library
- Leverage the features of the Bootstrap framework
- Create adaptive and responsive interfaces
- Implement interactive components with Bootstrap

**Description**
HTML5, CSS3, jQuery and Bootstrap Training
**Niveau**
Intermédiaire
**Classroom Registration Price (CHF)**
2300
**Virtual Classroom Registration Price (CHF)**
2150
**Duration (in Days)**
3
**Reference**
HTM-03