

Course : Bootstrap 5, developing responsive web pages

Practical course - 2d - 14h00 - Ref. BTP

Price : 1610 CHF E.T.



The Bootstrap framework, created by Twitter developers, has become a benchmark CSS and JavaScript framework for web design. You'll learn how to dress up your pages and enrich them with interactive components with Bootstrap 5 to make your sites attractive and adaptive.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Integrating Bootstrap 5 into a web project
- ✓ Create web pages that reflect the aesthetic codes of today's sites
- ✓ Master the components and plug-ins of the Bootstrap 5 framework
- ✓ Developing responsive websites

Intended audience

Webmaster, developer, integrator.

Prerequisites

Knowledge of HTML and CSS, and notions of JavaScript.

Practical details

Hands-on work

Creation of a back office administrator interface with Bootstrap 5. Creating a responsive website from a Bootstrap 5 template.

Teaching methods

Half of the course is lecture-based, the other half hands-on.

Course schedule

PARTICIPANTS

Webmaster, developer, integrator.

PREREQUISITES

Knowledge of HTML and CSS, and notions of JavaScript.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

1 Framework presentation

- Overview of Bootstrap 5 and other frameworks.
- Bootstrap 5's contribution to CSS.
- Bootstrap 5 kit elements (grids, normalize.css, icons, plug-ins, etc.).
- Understand the tree structure of different files: style sheets, JavaScript...
- Linking a web page to Bootstrap 5's basic style sheet.

Hands-on work

Installing Bootstrap 5. Dressing an HTML page with Bootstrap 5.

2 Bootstrap 5 style sheets

- CSS for text elements and images.
- CSS for form elements and tables.
- Use icon fonts to display icons on pages.
- CSS for page layout, blocks on a page.
- Overload the style sheet.

Hands-on work

Style the various elements making up a web page with Bootstrap 5 CSS.
Customize the style of certain page elements.

3 The grids

- Understanding the grid concept.
- Adaptive grids (responsive web design, media queries, positioning...).
- Grid organization. Handling grids.
- Grid Layout in Bootstrap 5.
- Flexbox in Bootstrap 5.
- Column layout.
- Block order.

Hands-on work

Create a responsive web page based on a grid.

4 Basic JavaScript components

- Using the carousel.
- Improved responsive menus.
- Navigation and pagination components.
- Buttons, badges, alerts.
- Progress bars.

Hands-on work

Design a web page for an Internet or intranet site integrating several Bootstrap 5 components.

5 Bootstrap 5 a la carte modules

- Use a JavaScript server (Node, Deno, Parcel).
- Define a custom Bootstrap with only the essentials.
- Include bootstrap.js modules in the Webpack.

Hands-on work

Create a customized project with only the CSS and JavaScript modules you need.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

6 Bootstrap 5 plug-ins

- Modal windows. Accordions. Photo carousel.
- Validator form.
- Autocomplete fields.
- Vertical navigation.
- Multi-item carousel.
- WYSIWYG (What You See Is What You Get) editor.

Hands-on work

Integrate modern visual effects using JavaScript plug-ins associated with the Bootstrap 5 library.

7 Bootstrap 5 model analysis

- Analyze models built using Bootstrap 5.
- Create a site with one of the templates.
- Create a page from a template by overloading the CSS file.
- Use SAAS files with a JavaScript preprocessor and/or server (NodeJS).

Hands-on work

Create your own Bootstrap.css.

Dates and locations

REMOTE CLASS

2026 : 30 Nov.