

Course : Tailwind CSS, mastery and best practices

Create and customize modern web interfaces with Tailwind CSS
Practical course - 2d - 14h00 - Ref. TCS
Price : 1610 CHF E.T.

NEW

Modern web interface design demands speed, consistency and adaptability. This Tailwind CSS training course will enable you to master this utility-first framework to create responsive, high-performance and maintainable designs. The course covers both Tailwind CSS 4.x (latest version) and Tailwind CSS 3.x, still widely used in production.

Teaching objectives

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

- ✓ Understand the principles of Tailwind CSS and set up a project
- ✓ Master basic utility classes and create your first responsive interface
- ✓ Customize Tailwind and build a library of reusable components
- ✓ Integrate Tailwind into a maintainable, optimized business project

Intended audience

Front-end developers, web integrators, web designers.

Prerequisites

Basic knowledge of HTML and CSS. Experience with a JavaScript framework (React, Vue or Angular) is a plus.

Practical details

Hands-on work

Suite of practical exercises for the incremental development of a true enterprise application integration solution.

Teaching methods

Theoretical presentations accompanied by examples of implementation, then use of the knowledge acquired to carry out a specific project.

Course schedule

PARTICIPANTS

Front-end developers, web integrators, web designers.

PREREQUISITES

Basic knowledge of HTML and CSS.
Experience with a JavaScript framework (React, Vue or Angular) is a plus.

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.

1 Fundamentals and implementation

- Introduction and utility-first philosophy.
- Comparison with classic CSS and frameworks.
- Installation via CDN and modern tools (Vite, Bun).
- Role and use of tailwind.config.js.
- Organization of project structure.
- Discover automatically generated classes.

Hands-on work

Create a Tailwind project and apply the first classes.

2 Utility classes and responsiveness

- Typography and text colors.
- Spacing with margin, padding and gap.
- Layout with flexbox and grid.
- Colors, borders and backgrounds.
- Breakpoints and responsive design.
- Variants: hover, focus, dark mode.

Hands-on work

Create a complete responsive page.

3 Customization and reusable components

- Adapt the color palette to a graphic charter.
- Define custom fonts, sizes and breakpoints.
- Use official plug-ins (forms, typography, aspect-ratio).
- Discover third-party plug-ins (daisyUI, tailwind-variants).
- Use Tailwind 4.x directives (@theme, @layer, @plugin, @apply).
- Create reusable components.

Hands-on work

Build a library of custom components.

4 Professional project and optimization

- Create a complete administration dashboard.
- Stylize tables and forms.
- Apply integrated accessibility rules.
- Optimize CSS size with integrated purging.
- Integrate Tailwind with modern tools (Vite, Bun) and frameworks (React, Vue, Angular).
- Control performance and accessibility with Lighthouse.

Hands-on work

Finalize and optimize the complete dashboard.

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.

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.

Dates and locations

REMOTE CLASS

2026 : 29 June, 14 Sep., 30 Nov.