Course : Tailwind CSS, mastery and best practices

Create and customize modern web interfaces with Tailwind CSS

Practical course - 2d - 14h00 - Ref. TCS
Price : 1370 € 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

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.

Dates and locations

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

PARIS LA DÉFENSE
2026 : 29 June, 14 Sep., 30 Nov.