Publication date : 07/19/2024

Course : Test the accessibility of sites and applications

according to digital accessibility guidelines (WCAG or RGAA)

Practical course - 3d - 21h00 - Ref. TAX

Price : 1930 € E.T.

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BEST

Digital accessibility aims to improve the user experience for people with disabilities and, beyond that, for everyone. Compliance with current standards enables anyone to use a site, an application or a document, whatever their mode of access. By the end of this course, learners will be able to evaluate the accessibility of a digital resource, as a preliminary to an audit or with a view to producing an informed opinion.

Teaching objectives

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

- Understanding the principles and priorities of digital accessibility
- Assessing the accessibility of a digital resource in practical terms
- Propose accessible alternatives for each problem identified
- Find your way around French (RGAA) and international (WAI, WCAG) documentation

Intended audience

Anyone who has to check the accessibility of digital content: auditors, web integrators, accessibility consultants, quality managers, functional testers, technical managers...

Prerequisites

Savoir naviguer sur Internet et utiliser un smartphone. Connaissances de base en technologies numériques.
Connaissances de base en HTML et CSS souhaitables. Sensibilisation au handicap.

PARTICIPANTS

Anyone who has to check the accessibility of digital content: auditors, web integrators, accessibility consultants, quality managers, functional testers, technical managers...

PREREQUISITES

Savoir naviguer sur Internet et utiliser un smartphone. Connaissances de base en technologies numériques. Connaissances de base en HTML et CSS souhaitables. Sensibilisation au handicap.

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.

Practical details

Alternating conceptual presentations and practical work.

Teaching methods

Simulations of web and mobile browsing under the conditions of disabled users. Various accessibility tests using specific tools. Analysis of information relevance.

Course schedule

1 The fundamentals of digital accessibility

- Digital accessibility needs related to different disabilities.
- From normative logic to taking people into account.
- Digital practices of people with disabilities.
- The variety of access methods, depending on people's profiles and tools.
- The limits of accessibility testing tools.
- Key concepts: relevance, intelligibility, equity between audiences, etc.
- The distinctions between "decorative" and "informative", "aesthetic" and "semantic", "presentation" and "structure".

Hands-on work

Take stock of user needs, using videos or feedback.

2 Evaluating website accessibility

- Choice of test tools according to the information required and the digital context.
- Methodical test organization to avoid getting lost.
- Definition of priorities, from blocking problems to formal non-conformities.
- The impact of major accessibility defects.
- Check code validity according to document type.
- The general basics of understanding HTML page source code.
- Formulation of conclusions and recommendations.

Hands-on work

Test different aspects of a website. Identify the most common blocking problems.

3 Testing accessibility in mobile environments

- Testing a website in mobile conditions.
- The specifics of mobile application auditing.
- The two phases of mobile application audits: developer and user.
- The principles of "developer" mobile application auditing (pre-launch).
- Accessibility gestures essential to user auditing.
- Essential accessibility features to test with.

Hands-on work

Familiarize yourself with interface descriptors (TalkBack, VoiceOver) and navigation using accessibility gestures, in your choice of Android or iOS.

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.

4 User comfort and safety

- Operability and compatibility with any user agent (the "robustness").
- Accessibility is independent of motor, sensory and cognitive equipment.
- Check for accessible alternatives to functions and information.
- Analysis of behavioral consistency and information flow.
- The assurance that the user can find his way around the resource and identify and reach each part.
- The ability to control interface behavior and event triggering.
- The harmlessness of the content or the possibility of inactivating it (flashes, movement, refreshments, etc.).

Hands-on work
Think about the right choice of web elements.

5 Information accessibility

- Keyboard access: navigation, use of functions.
- Verification of the overall and internal structure of pages or screens: perceptible, logical and coherent.
- Control of interactive components: recognizable, predictable and activatable.
- Tables and forms: make sure they're easy to understand.
- The interface: adaptively coded ("responsive").
- Correct use of colors and visual properties.
- Download the basics of accessibility for office documents.

Hands-on work
Navigate the keyboard to check that the tab order is consistent, the focus is clearly visible and the interface components are easy to reach and activate.

6 Quality of text alternatives and text accessibility

- Accessibility of visual elements: images and various interface components.
- Multimedia accessibility.
- The differences between decorative elements and information-carrying elements.
- Interpreting and expressing non-textual information in a few words.
- The useful and efficient alternative: when, what to describe and in how many signs.
- The notion of "cryptic content" in the RGAA.
- The general principles of FALC (Facile À Lire et à Comprendre).

Hands-on work
Évaluer l'information véhiculée par des contenus non textuels et la qualité de textes alternatifs.

7 Digital accessibility documentation

- The RGAA, "Référentiel Général d'Amélioration de l'Accessibilité", and its APPS version.
- RGAA audit kit: grid, report, accessibility declaration.
- The principles of the W3C's Web Accessibility Initiative (WAI).
- International standards: WCAG, ARIA, ATAG, UAAG.
- Sources of testing tools and accessibility information.

Hands-on work
Familiarize yourself with accessibility documentation.

8 Follow-up to an accessibility audit

- How an accessibility audit works.
- The real objectives of an audit, beyond compliance with standards.
- Préparation d'un audit : outils et environnement, échantillon, méthodologie.
- Follow-up of the audit and implementation of corrective measures.
- Adaptation of graphic and editorial guidelines following an audit.

Hands-on work
Consult audit reports and accessibility declarations, or improve graphic and editorial charters, or simulate preparations for an audit.

Dates and locations

REMOTE CLASS
2026 : 8 Apr., 17 June, 28 Oct., 16 Nov., 8 Dec.

PARIS LA DÉFENSE
2026 : 10 June, 21 Oct., 2 Nov., 2 Dec.

LILLE
2026 : 16 Nov.