



Digital Accessibility Training Course: WCAG Audits, Accessible Documents and Mobile Testing

13 – 17 September 2027
Dubai - Five-star CBD venue



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Introduction:

Digital accessibility training on WCAG audits, accessible documents and mobile testing is a 5-day course for developers, testers, content authors and accessibility leads that ends with an Accessibility Conformance Pack for a case digital portfolio. Organisations publish portals, apps and PDF forms that screen reader, keyboard and low-vision users cannot complete, which exposes them to complaints, failed procurement checks and costly rework after launch. Nominees already build, test or publish digital content and work hands on in a testing lab with assistive technologies, browser inspectors and document editors. CoreConcept Training Center delivers this digital accessibility course.

Course Objectives:

- Interpret WCAG success criteria at Levels A and AA and map each criterion to the web, mobile and document components it affects
- Test web pages and mobile app screens with keyboard, screen reader, zoom and contrast checks and record failures against WCAG criteria
- Combine automated scanner results with manual review using the WCAG-EM sampling and reporting method
- Repair HTML, WAI-ARIA and right-to-left Arabic interface defects so that controls expose correct names, roles and states
- Produce tagged PDF and Office documents that meet PDF/UA expectations for headings, reading order, tables and form fields
- Draft an accessibility policy, a conformance statement and a prioritised remediation backlog for a digital portfolio

Target Audience:

- Front-end and mobile developers responsible for coding interface components, forms and navigation
 - Software testers responsible for functional and acceptance testing of web portals and mobile apps
 - Content and document authors responsible for publishing pages, PDF reports and Office templates
 - Accessibility and digital quality leads responsible for audit findings and conformance reporting
 - Digital product owners responsible for release decisions and supplier acceptance criteria
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Course Outline:

Day 1: Digital Accessibility Context and Assistive Technology Baseline

- Disability Models and Barriers in Digital Channels
- Assistive Technology Range From Screen Readers to Switch Access
- WCAG Principles, Conformance Levels A AA and AAA
- Accessibility Requirements in Digital Procurement and Supplier Contracts
- Current-State Accessibility Snapshot of a Case Digital Portfolio

Day 2: WCAG Success Criteria, WAI-ARIA and Testing Methodology

- Level AA Success Criteria Walkthrough With Pass and Fail Examples
- Newer Criteria for Focus Not Obscured, Target Size and Dragging
- Accessible Authentication, Redundant Entry and Consistent Help Criteria
- WAI-ARIA Roles, States, Properties and Authoring Patterns
- WCAG-EM Scope Definition, Page Sampling and Evaluation Reporting

Day 3: Hands-On Web and Mobile Accessibility Testing Lab

- Keyboard-Only Navigation, Focus Order and Skip Link Testing
- Desktop Screen Reader Testing of Forms, Tables and Live Regions
- Mobile Screen Reader Gestures and Touch Target Checks on Apps
- Colour Contrast Analyser, Text Resize and Reflow at High Zoom
- Automated Scanner Runs and False Positive Triage

Day 4: Arabic Interfaces, Accessible Documents and Hard Defects

- Right-To-Left Layout, Language Attributes and Bidirectional Text Defects
- Arabic Text-To-Speech Pronunciation and Mixed-Script Reading Issues
- Tagged PDF Structure Repair Against PDF/UA Expectations
- Accessible Document and Presentation Templates With Alt Text Rules
- Custom Widgets, CAPTCHA, Embedded Media and Third-Party Component Failures

Day 5: Lab Case Work: Accessibility Conformance Pack for a Case Portfolio

- Case Portfolio Audit Across Portal, App and Document Samples
 - Severity Rating and Remediation Backlog With Owners and Effort
 - Accessibility Policy Drafting With Roles and Review Cycle
 - Conformance Statement and Accessibility Conformance Report Drafting
 - Accessibility Conformance Pack Completion and Peer Review Panel
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Skills You Will Gain:

- Success Criteria Interpretation
- Screen Reader Testing
- Mobile Accessibility Testing
- WAI-ARIA Defect Repair
- Bidirectional Interface Checking
- Tagged Document Remediation
- Audit Sampling and Reporting
- Accessibility Defect Prioritisation

Why Attend This Course:

- Hand an Accessibility Conformance Pack, with policy, conformance statement and remediation backlog, to the digital director for approval
- Judge whether a portal, app or supplier release meets WCAG Level AA before accepting it into service
- Avoid user complaints, rejected tenders and late rework by catching keyboard, screen reader and document failures before release
- Coach developers, testers and authors in the unit with test scripts, severity scales and document templates used in the lab

Conclusion:

Back at work, the participant presents the Accessibility Conformance Pack to the digital director and the owners of each audited channel. Leadership uses the policy to set who tests and signs off accessibility, the conformance statement to answer users and buyers honestly, and the remediation backlog to schedule fixes into release plans and supplier contracts. After the first release cycle under the pack, the organisation should re-test the sampled pages, screens and documents, compare open defects against the backlog and update the conformance statement.

Frequently Asked Questions FAQ:

What should participants know before a digital accessibility course on WCAG audits and accessible documents?

Participants should already build, test or publish web pages, mobile apps or documents and be comfortable with browser developer tools or document editors. A laptop and an anonymised page, screen or PDF from their own organisation help during the lab days.

How does a digital accessibility course on WCAG audits differ from a general user experience design course?

It concentrates on testing and repairing conformance failures against WCAG criteria with assistive technologies, tagged documents and audit reporting. User experience design courses cover user research, prototyping and usability testing, where accessibility is usually one session among many.

Why do digital accessibility audits combine automated tools with manual WCAG testing?

Automated scanners check many pages quickly but detect only part of the failures and often disagree. Manual keyboard, screen reader and zoom testing, ideally supported by sessions with disabled users, finds the barriers that block real tasks.

What do participants take back from the digital accessibility course on WCAG audits and mobile testing?

Participants take back an Accessibility Conformance Pack for a case portfolio: audit findings mapped to WCAG criteria, a severity-rated remediation backlog, an accessibility policy draft and a conformance statement they can adapt to their own channels.
