# Accessibility Auditing Self-Study Course – Outline

This self-study course is designed to teach WCAG 2.2 AA accessibility auditing, from basics to advanced, using free tools and practical exercises. The structure follows two parts: Elementary and Advanced, with modules covering theory, hands-on testing, and professional reporting.

## Part 1 – Elementary (Weeks 1–4)

Module 1: Foundations of Accessibility

Module 2: Accessibility Audit Scoping

Module 3: Testing Tools & Setup

Module 4: Manual Testing – WCAG Success Criteria

Module 5: Grading & Reporting Issues

## Part 2 – Advanced (Weeks 5–8)

Module 6: Mobile Accessibility Auditing

Module 7: Advanced WCAG Testing

Module 8: Efficient Audit Workflow

Module 9: Building Your Audit Portfolio

# Audit Preparation Checklist

• Confirm scope and sample pages.

• Install and configure NVDA, axe DevTools, Colour Contrast Analyser, WAVE.

• Review WCAG 2.2 AA success criteria.

• Prepare audit spreadsheet or template.

# WCAG 2.2 AA Audit Checklist

□ Text alternatives for non-text content (1.1.1).

□ Captions for video (1.2.2, 1.2.4).

□ Colour contrast meets minimum ratios (1.4.3).

□ Keyboard navigation functional (2.1.1).

# Worked Examples

## Example 1: Testing for Text Alternatives

Steps:  
1. Run axe DevTools.  
2. Check with NVDA.  
3. Verify accuracy of alt text.  
4. Document issues.

## Example 2: Testing Colour Contrast

Steps:  
1. Identify low contrast text.  
2. Measure ratio.  
3. Compare to WCAG thresholds.  
4. Document failures.

## Example 3: Testing Keyboard Navigation

Steps:  
1. Use Tab key to navigate through the page.  
2. Ensure all interactive elements are focusable.  
3. Verify logical focus order.  
4. Activate elements using keyboard only.