



## Computer Consultants Corporation

### **Web Site Accessibility (Section 508)**

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Length of course: 1 class day (6 hours)

Objective(s): Students will learn how to make their web sites accessible to users with disabilities as required by Section 508 of the Rehabilitation Act.

Prerequisites: Experience creating web sites with HTML and Cascading Style Sheets (CSS).

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#### **Understanding Web Accessibility**

- Accessibility-Usability Synergy
- Reasons To Provide Accessible Web Sites
- Debunking Myths

#### **Overview of Law and Guidelines**

- What Is the Problem?
- Complaints Due to Inaccessible Web Design
- Development of Accessible Web Design Laws

#### **Assistive Technology Browsers and Accessibility**

- Screen Readers
- Screen Magnification
- Using Browser to Check Accessibility

#### **Creating Accessible Content**

- Text equivalents
- Audio/Video Transcripts
- Synchronized Captions
- Creating Accessible Tables
- Accessible (Text-based) PDF Files

#### **Design Concerns**

- Colors and Contrast
- Alternative Indicators for Colors (\*)
- Cascading Style Sheets and JavaScript
- Avoiding Flicker in Animations

#### **Accessible Navigation**

- Optionally Skip Over Lists of Links
- Creating Accessible Frames
- Accessible Image Maps
- Redundant Links

#### **Accessible Data Input**

- Guidelines for Data Input Forms
- Accessible HTML Forms
- User Control of Timed Responses

#### **Web Tools for Accessibility**

- Accessibility Testing Software
- Graphical Web Development Software