Course Content

Course Description:
In this course, you will cover: what is web site accessiblity, an introduction to the disabled community, what is section 508, what is the web-based intranet and internet information and application standards, the alt and longdesc tags, & a variety of alternative markup information that is needed on a web page.

Prerequisites:
HTML Level 2 class or equivalentknowledge.

Topics
The **Web Site Accessibilty: Section 508** course will cover the topics listed below.

Web Site Accessibility and Disabled Community
- What is web site accessibility
- Types of Disabilities(e.g. Visual, Hearing, cognitive)
- Challenges people with disabilities face on the web

Section 508
- What is Section 508?

Web-based Intranet and Internet Information and Application Standards
- 16 Separate guidelines

The ALT Tag
- Images and the ALT Attribute
- Working with Complex images
- Images that do not require text equivalents
- Are links text or non-text elements?
- Animated Images
- Other non-text elements

Guidelines
- Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.
- Web pages shall be designed so that all information conveyed with color is also available without color
- Documents should be organized so they are readable without requiring an associated style sheet
- Redundant text links shall be provided for each active region of a server-side image map
- Client side image maps shall be provided instead of server-side image maps except where regions cannot be defined with an available geometric shape
- Row and Column headers shall be identified for data tables
- Markup shall be used to associate data cells and header cells for data tables that have 2 or more logical levels of rows and column headers
- Frames shall be titled with text that facilitates frame identification and navigation
- Pages should be designed to avoid causing the screen to flicker with a frequency greater than 2 hz and lower than 55 hz.
- When electronic forms are designed to be completed on-line, the form shall allow people using assistive technology to access information
- A method shall be provided that permits users to skip repetitive navigation links