

## Course Overview

In this 2-day course, you will learn how to use XHTML, HTML and CSS technologies to create advanced web pages with forms, and test their validity. You will create web page layouts by grouping content and creating box layouts. You will learn how to manage CSS, apply CSS to multiple pages, and create advanced styles and page layouts using CSS. You will also learn how to test a website and create advanced navigation. Next you will incorporate multimedia into pages and create basic and advanced forms. You will optimize a website for accessibility and to make it search engine friendly. Finally, you will learn how to publish a website.

## Course Preparation

Prerequisite: Web Design with XHTML, HTML, and CSS Level 1 or equivalent experience, and some Web browsing experience.

## Course Topics

### Creating Web Page Layouts

- Group Content
- Create Box Layouts

### Managing CSS

- Apply Advanced CSS Selectors
- Create an External CSS
- Apply a CSS to Multiple Pages
- Apply Browser-Specific CSS
- Provide Alternate CSS

### Testing a Website

- Test Markup
- Test CSS

### Creating Advanced Navigation

- Create CSS-Based Menus
- Incorporate Images in CSS-Based Menus
- Create Image Maps

### Incorporating Meta-Content and Multimedia

- Refresh and Redirect Pages
- Link Media
- Embed Media

### Creating Forms

- Create a Form with Basic Form Elements
- Add Advanced Form Elements
- Enhance a Form's Appearance Using CSS
- Form Submission

### Creating Advanced Styles and Page Layouts

- Create Complex Page Layouts
- Create a Box Layout with Rounded Corners Using CSS
- Create Advanced Styles Using CSS

### Optimizing a Website for Accessibility

- Create a Breadcrumb
- Construct a Website with Accessibility Features
- Optimize a Website for Display on a Mobile Device

### Optimizing a Website for Search Engines

- Make a Website Search Engine Friendly
- Create a Site Map

### Publishing a Website

- Make a Website Printer Friendly Using CSS
- MIME Type Identification
- Test a Site on a Local Server
- Publish a Site on a Remote Server