



Web Design with XHTML, HTML, and CSS: Level 3

Course Description

While using the Internet, you might have encountered many websites that are aesthetically appealing and also provide you with world class service. As a web designer, you would like to create and design a website that attracts many users. In the Web Design with XHTML, HTML, and CSS: Level 3 course, you will apply the best practices of web design and create a website that enhances the usability and interactivity of the web page/site.

Course Objective

You will create forms and apply advanced CSS styles. You will then perform search engine optimization, make it accessible to all users, and then publish websites.

Performance-Based Objectives

Upon successful completion of this course, students will be able to:

- create forms.
- create advanced styles and page layouts.
- optimize a website for accessibility.
- optimize a website for search engines.
- publish a website.

Course Content

Lesson 1: Creating Forms

- Topic 1A: Create a Form with Basic Form Elements
- Topic 1B: Add Advanced Form Elements
- Topic 1C: Enhance a Form's Appearance Using CSS
- Topic 1D: Form Submission

Lesson 2: Creating Advanced Styles and Page Layouts

- Topic 2A: Create Complex Page Layouts
- Topic 2B: Create a Box Layout with Rounded Corners Using CSS
- Topic 2C: Create Advanced Styles Using CSS

Lesson 3: Optimizing a Website for Accessibility

- Topic 3A: Create a Breadcrumb
- Topic 3B: Construct a Website with Accessibility Features
- Topic 3C: Optimize a Website for Display on a Mobile Device

Lesson 4: Optimizing a Website for Search Engines

- Topic 4A: Make a Website Search Engine Friendly
- Topic 4B: Create a Site Map

Lesson 5: Publishing a Website

- Topic 5A: Make a Website Printer Friendly Using CSS
- Topic 5B: MIME Type Identification

Topic 5C: Test a Site on a Local Server

Topic 5D: Publish a Site on a Remote Server