

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

Course length: 1 day

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.

Target Student: This course is intended for persons who have the necessary skills to create most web pages and websites, but now want to enhance the usability, interactivity, and professionalism of their web pages/sites. It is aimed at individuals interested in optimizing the websites to achieve better search engine results; making sites accessible to all individuals; and creating websites that can be viewed using any compatible electronic devices.

Prerequisites: Students should be familiar with using personal computers with a mouse and keyboard. Basic typing skills are mandatory. You should be comfortable in the Windows environment and be able to use Windows to manage information on your computer. Specifically, you should be able to launch and close programs; navigate to information stored on the computer; and manage files and folders. Familiarity with Internet Explorer 7, Firefox, and Opera is an advantage. Apart from these, the user should have taken the following Element K courses or have equivalent knowledge: Web Design with XHTML, HTML, and CSS: Level 1 and Web Design with XHTML, HTML, and CSS: Level 2.

Delivery Method: Instructor-led, group-paced, classroom-delivery learning model with structured hands-on activities.

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

