



**Web Design with XHTML,
HTML, and CSS:
Introduction**

2348 Post Road
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Course Description

In this course, you will examine the basics of foundational web technology and create your own functional web pages using markup languages such as Hypertext Markup Language (HTML), Extensible Hypertext Markup Language (XHTML), and Cascading Style Sheets (CSS).

Course Objective: You will create and design web pages with text, graphics, and data tables. You will then link these web pages to enable navigation between these web pages.

Target Student: Web Design with XHTML, HTML, and CSS: Level 1 is intended for students who are interested in creating web pages and web sites using popular web publishing technologies. Students who want to learn web design for their personal use or for business related purposes will benefit equally.

Prerequisites: You should be familiar with using personal computers with a mouse and keyboard and possess basic typing skills. 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 and Firefox would be an advantage.

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



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Course Content

Lesson 1: Creating a Basic Web Page

- Topic 1A: Introduction to Web Design and Development
- Topic 1B: Create a Basic Page Structure

Lesson 2: Structuring Content

- Topic 2A: Create Headings and Horizontal Rules
- Topic 2B: Control Text Flow
- Topic 2C: Create Lists

Lesson 3: Applying Styles Using CSS

- Topic 3A: Format Text
- Topic 3B: Format Lists
- Topic 3C: Format Images
- Topic 3D: Modify Page Background

Lesson 4: Working with Tables

- Topic 4A: Create a Table
- Topic 4B: Modify the Table Structure
- Topic 4C: Format the Table

Lesson 5: Linking Web Pages

- Topic 5A: Create Hypertext Links
- Topic 5B: Create Image Links
- Topic 5C: Create Email Links
- Topic 5D: Format Links

Appendix A: XHTML Character Entities

Appendix B: CSS Properties and Values