



Web Design Essentials Course Overview

Web Design Essentials

Course Duration:

7 Hours / 1 Day

Part 1: The Web Environment

- 1 Designing for a Variety of Browsers**
- 2 Designing for a Variety of Displays**
- 3 Internationalization**
 - Character Sets and Encoding
 - Character References
 - Language Features
 - Style Sheets Language Features

Part 2: The Structure Layer: XML & (X)HTML

- 4 HTML and XHTML Overview**
 - The Roles of HTML
 - Markup Basics
 - Introduction to XHTML
 - Which Standard Is Right for You
 - Well-Formed XHTML
 - Web Authoring Tools
 - Good Authoring Practices
- 5 Document Structure**
 - Minimal Documents Structure
 - Document Type Declaration
 - The Root Element
 - The Document Head
 - The Document Body
- 6 Text Elements**
 - Choosing Text Elements
 - The Building Blocks of Content

- Inline Elements
- Deleted and Inserted Text
- Generic Elements (div and span)
- Lists
- Presentation Elements
- Character Entity References

7 Creating Links

- Simple Hypertext Links
- Linking Within a Document
- Targeting Windows
- Alternative Protocols
- Linking Documents with link

8 Images and Objects

- Inline Images
- Image Maps
- Embedded Media
- Java Applets
- Inline (Floating) Frames

9 Tables

- Table Uses
- Basic Table Structure
- Row Groups
- Columns and Column Groups
- Table Presentation
- Accessible Tables

10 Frames

- Introduction to Frames
- Basic Frameset Structure
- Frame Function and Appearance
- Targeting Frames
- Frame Design Tips and Tricks

Part 3: Cascading Style Sheets

11 Cascading Style Sheets Fundamentals

- CSS in a Nutshell
- The Benefits of CSS
- How CSS Works

- Rule Syntax
- Adding Styles to a Document
- Key Concepts
- Specifying Values
- Browser Support
- For Further Reading

12 Selectors

- Type (Element) Selector
- Contextual Selectors
- Class and ID Selectors
- Attribute Selectors
- Pseudoselectors

13 Font and Text Properties

14 Basic Box Properties

15 Color and Backgrounds

16 Floating and Positioning

17 CSS for Tables

18 Lists and Generated Content

19 CSS Techniques

Part 4: Web Graphics

20 Web Graphics Overview

21 GIF Format

22 JPEG Format

23 PNG Format

24 Animated GIFs

Part 5: Media

25 Audio on the Web

26 Video on the Web

27 Printing from the Web