

Course duration

- 1 day

Course Benefits

- Learn the basics of Web development
- Learn the benefits of CSS.
- Learn to avoid using deprecated tags and attributes.
- Learn CSS syntax.
- Learn to use `<div>` and `<span>` tags appropriately.

Course Outline

1. A Quick Overview of Web Development
 1. Client-side Programming
 1. HTML
 2. Cascading Style Sheets
 3. JavaScript
 4. Ajax
 5. JavaScript Frameworks
 2. Server-side Programming
 1. Java EE
 2. ASP.NET
 3. Python
 4. PHP
 5. ColdFusion
 6. Node.js
2. Introduction to HTML
 1. Getting Started
 2. Exercise: A Simple HTML Document
 3. The HTML Skeleton
 1. The `<head>` Element
 2. The `<body>` Element
 3. Whitespace
 4. Viewing Page Source
 5. HTML Elements
 1. Attributes
 2. Empty vs. Container Tags
 3. Blocks and Inline Elements
 4. Comments
 6. Special Characters

7. History of HTML
8. lang Attribute
3. Paragraphs, Headings, and Text
 1. Paragraphs
 2. Breaks and Horizontal Rules
 3. Exercise: Creating an HTML Page
 4. Quoted Text
 5. Preformatted Text
 6. Text-Level Semantic Elements
4. HTML Links
 1. Text Links
 2. Absolute vs. Relative Paths
 1. Absolute Paths
 2. Relative Paths
 3. Default Pages
 3. Targeting New Windows
 4. Email Links
 5. Exercise: Adding Links
 6. Targeting a Specific Location on the Page
 7. The title Attribute
5. HTML Images
 1. Inserting Images
 1. Making Images Accessible
 2. Alternative Text
 3. Long Descriptions
 4. Height and Width Attributes
 2. Image Links
 3. Exercise: Adding Images to the Page
6. HTML Lists
 1. Unordered Lists
 1. Nesting Unordered Lists
 2. Ordered Lists
 1. Nesting Ordered Lists
 2. The type Attribute
 3. The start Attribute
 3. Definition Lists
 4. Exercise: Creating Lists
7. Crash Course in CSS
 1. Benefits of Cascading Style Sheets
 2. CSS Rules
 1. CSS Comments
 3. Selectors
 1. Type Selectors
 2. Class Selectors
 3. ID Selectors
 4. Attribute Selectors
 5. The Universal Selector

6. Grouping
4. Combinators
 1. Descendant Combinators
 2. Child Combinators
 3. General Sibling Combinators
 4. Adjacent Sibling Combinators
5. Precedence of Selectors
6. How Browsers Style Pages
7. CSS Resets
8. CSS Normalizers
 1. External Stylesheets, Embedded Stylesheets, and Inline Styles
 2. External Stylesheets
 3. Embedded Stylesheets
9. Inline Styles
10. Exercise: Creating an External Stylesheet
11. Exercise: Creating an Embedded Stylesheet
12. Exercise: Adding Inline Styles
13. <div> and
14. Exercise: Divs and Spans
15. Media Types
16. Units of Measurement
 1. Absolute vs. Relative Units
 2. Pixels
 3. Ems and Rems
 4. Percentages
 5. Other Units
17. Inheritance
 1. The inherit Value
8. CSS Fonts
 1. font-family
 1. Specifying by Font Name
 2. Specifying Font by Category
 2. @font-face
 1. Getting Fonts
 3. font-size
 1. Relative font-size Terms
 2. Best Practices
 4. font-style
 5. font-variant
 6. font-weight
 7. line-height
 8. font
 9. Exercise: Styling Fonts
9. Color and Opacity
 1. About Color and Opacity
 2. Color and Opacity Values
 1. Color Keywords

2. RGB Hexadecimal Notation
 3. RGB Functional Notation
 4. HSL Functional Notation
3. color
4. opacity
5. Exercise: Adding Color and Opacity to Text
10. CSS Text
 1. letter-spacing
 2. text-align
 3. text-decoration
 4. text-indent
 5. text-shadow
 6. text-transform
 7. white-space
 8. word-break
 9. word-spacing
 10. Exercise: Text Properties

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Follow-on Courses

- [Introduction to Dreamweaver Creative Cloud \(CC\) Training](#)