

Web Page Design, Level 1

If you are designing a Web page for the first time, this course is for you!

You will be introduced to the basic concepts and syntaxes HTML and XHTML, along with companion languages such as CSS and Java Script while learning to create a Web page.

PREREQUISITES: Basic computer skills and knowledge of saving files is recommended.

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

OBJECTIVES:

- Basic Concepts and Syntaxes of the Languages
- HTML Basics
- Creating Hyperlinks
- Working with Images
- Formatting the Text on the Page
- Applying More Formatting to the Page
- Working with Other CSS Selectors
- Laying Out the Page

COURSE CONTENT

Lesson 1: Introducing HTML and XHTML

Basic Concepts
Syntaxes of the languages HTML, XHTML, CSS, and JavaScript
Overview of Tools Available to Create Web Pages
Fundamental Concepts about Web Browsers and Servers
Ideas on Planning a Web Site

Lesson 2: Introducing HTML Basics

Coding an HTML Document
Adding Required Structure Tags
Saving a Web Page
Previewing a Web Page
Adding Headings
Adding Paragraphs
Adding Line Breaks
Adding Horizontal Rules
Adding Comments

Lesson 3: Creating Hyperlinks

Link Documents Together Using Hyperlinks
Planning the Navigation of the Site
Structuring Files
Understanding File Paths
Creating Links to Other Documents
Creating Links to Other Web Sites
Creating Links to Other Places on Pages
Creating Links to E-Mail Addresses
Controlling the Tab Order for Links

Lesson 4: Working with Images

- Adding Images to the Web Page
- Acceptable File Formats
- Setting Alternate Text
- Specifying the Size of Images
- Using Images as Links

Lesson 5: Formatting the Text on the Page

- Text Formatting with CSS
- The Basic Units of Measurement Used
- Setting the Size of Text
- Setting the Fonts
- How to Use Colors
- How to Apply Colors
- Spacing between Lines
- Bold or Italic Text
- Aligning Text

Lesson 6: Applying More Formatting to the Page

- Background Colors
- Setting Padding
- Adding Borders
- Setting Margins
- How to Style Links
- Create Tables and Lists
- Customize Cursors

Lesson 7: Working with Other CSS Selectors

- Applying Styles to More Than One Element at a Time
- Using the Span and Div Elements, Classes, and IDs
- Specialized CSS Controls such as Contextual Selectors, Pseudo-classes, and Pseudo-Elements
- How to Set Rules
- How to Move Styles to External Documents to Control All Pages in the Site

Lesson 8: Laying Out the Page

- How to Create Layouts Using CSS
- Using Floats and Positioning to Achieve Layouts
- Working with Overflow Text
- Using Minimum and Maximum Height and Width Settings
- Replacing a Heading with an Image
- Creating Tabbed Navigation
- Creation of Style Sheets for Print