

Introduction to HTML

Length:

2 days

Description:

This course is an introduction to implementing a Web site on the Internet using HTML. Every element of HTML is explained to show how each element works and interacts with other elements. Students will learn HTML style to write documents ranging from simple online documentation to complex presentations. You will also be shown models for writing your own Web pages and for mastering advanced features, like style sheets and frames.

Course Objectives:

After completing this course, you will know how to:

- Create a Web site using HTML
- Use style sheets and layers to control a document's appearance
- Create tables, from simple to complex
- Use frames to coordinate sets of documents
- Design and build interactive forms and dynamic documents
- Insert images, sound files, video, Java applets, and JavaScript programs

Audience:

Students who want to learn to create a website using HTML

Prerequisites:

Basic personal computer skills and working knowledge of Web Browsers such as, Internet Explorer or Netscape Navigator

Course Contents:**Chapter 1 – HTML on the Internet**

- The Birth of the World Wide Web
- The Web Explosion
- HTML for GUIs
- What HTML is

Chapter 2 – Creating HTML Documents

- Starting with the Basics
- The Document Heading
- Naming Your Document
- Customized Heading Information
- Other Heading Elements
- The BODY Element
- Coloring Your Documents
- Commenting Your HTML Documents

Chapter 3 – Formatting Text as Paragraphs

- Breaking Text into Paragraphs
- Adding and Preventing Line Breaks
- Creating a Text Outline

- Adding Horizontal Lines
- Horizontal Line Attributes

Chapter 4 – Applying Character Formatting

- Text Formatting
- Logical Formatting
- The <BLOCKQUOTE> Element
- Physical Format Elements
- Fonts
- The FONT Element
- Text Formatting Tips
- Creating Special Characters

Chapter 5 – Adding Graphics to a Web Page

- Why Graphics
- Browser Support
- Adding Inline Images to Your HTML Document
- Positioning an Image on the Web Page
- Giving the Browser Size Hints
- Providing Alternative Text
- Framing an Image with a Border
- Giving an Image Space

Chapter 6 – Linking Documents Together

- Understanding Hypertext and Hypermedia
- Understanding Links
- Anchors
- URL References
- Linking to Documents and Files
- Internal Links
- Files, Plug-In Content, and So On
- The LINK Element
- Linking to Other Net Resources
- Creating a Link to E-Mail
- Creating a Link to Usenet News
- Making FTP Available on Your Site

Chapter 7 – Adding Lists to a Web Page

- Creating an Ordered List
- Using the Tag
- Additional Attributes
- Creating an Unordered List
- Using the Tag
- Additional Attributes
- Creating Menu Lists
- Creating Directory Lists
- Creating Definition Lists
- Combining List Types
- Manually Formatting Lists

Chapter 8 – Formatting Content with Tables

- Introducing Tables
- Understanding the Basic Tags

- Aligning Table Elements

Chapter 9 – Collecting Input with Forms

- Introducing HTML Forms
- Working with HTML Forms Tags
- Formatting and Designing Forms
- HTML Forms Additions

Chapter 10 – Framing Your Web Site

- The Frames Concept
- Frame Creation Basics
- The FRAMESET Container
- Defining ROWS and COLS
- The <FRAME> Tag
- Going to the Source
- Providing Alternative Content
- A Few Simple Frame Examples
- Modifying a Frame's Look and Feel
- Targeted Hyperlinks
- Updating More Than One Frame at a Time

Chapter 11 – Inserting Objects into a Web Page

- Three Ways to Go
- Getting to Know Plug-ins
- Inserting Plug-ins into Your Web Page
- Inserting ActiveX Controls
- Connecting Controls to Scripts
- Adding Java Applets to Your Pages