

W442 - HTML Programming

Course Objectives

This course is designed to provide the necessary skills to begin to design and build effective web pages.

Attendees will learn of the technologies surrounding HTML and also gain an understanding of the various approaches to web design.

| Who Should Attend | Prerequisites | Duration |
|--|------------------------------------|----------|
| Those requiring a good foundation for web design tasks Web developers & designers | Working knowledge of PC technology | 2 Days |

Course Contents

Introduction to HTML

History of the internet
Overview of Internet technology.

HTML Document Structure

HTML tags/attributes
Reserved/special characters in HTML.
Inserting comments
HTML document structure

Web Design Best Practice

The Worldwide Web Consortium.
HTML and XHTML
HTML conversion tools
Web page validation

Basic Text Commands

Physical style tags
Content style tags
Working with fonts
Character formatting/alignment

Images and Multimedia

Image formats
Image format discussion
Creating audio/visual web pages.
Image alignment/labelling

Using Hyperlinks

IP addresses
Linking to areas of your website.
Linking to external sites
Using Image Maps

Using Lists

List types and use
The 3 types of list
Lists within lists

Using Tables

Best use of HTML tables
Misuse of tables

Cascading Style Sheets (CSS)

In-line styles
Document level styles
External style sheets
Colour control
Typography control
Positioning
Introduction to DHTML

HTML Forms

Sending data using forms
Encryption of form contents
Emailing forms
Textfields, checkboxes, radio buttons, text areas, drop-down lists, password and hidden file types.
Form design discussion

Using Frames

Using frames
The pros and cons of frames
Inline frames vs. normal frames