

Course Outline



Tel: +44 (0) 118 979 4000 Fax: +44 (0) 118 979 4000

Email: training@ptr.co.uk Web: www.ptr.co.uk

HTML Web Authoring

Course Description:

This course provides delegates with the HTML skills required to create web pages. Text editors are used to create the HTML - this is not a course in web publishing tools. The course is mainly practical with plenty of exercises to provide hands on experience. A web server is available to allow delegates to publish their web page.

Pre-requisites:

It is expected that delegates are familiar with Internet concepts and web browsing.

Course Content:

- **Introduction to HTML**
 - HTML authoring: Writing in HTML vs Web authoring packages
 - HTML history: HTML versions 2, 3, 3.2, 4. Web browser version
- **Creating a simple HTML page**
 - Creating a blank HTML page (HTML, HEAD, TITLE, BODY)
 - HTML tags and attributes, line breaks (BR)
 - HTML paragraph styles (P, PRE, H1 - H6, DT, DD, BLOCKQUOTE, etc)
 - Bulleted and numbered lists (UL, OL, LI), definition lists (DL,DT,DD)
 - Paragraph alignment (left, right and center justification)
 - Physical and logical styles
 - Line breaks and attributes (HR, WIDTH, SIZE, NOSHADE)

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- **Images**
 - Inserting GIF and JPEG graphics (IMG SRC), which type to use
 - Image attributes (ALT, BORDER, HSPACE, VSPACE etc)
 - Altering image sizes using HTML / editors (advantages / disadvantages)
 - Flow of text around graphics (TOP, BOTTOM, LEFT, RIGHT etc)

- **Using hyperlinks**
 - Links to other pages / web sites / email addresses / files
 - Links to targets in a page. Images as hyperlinks

- **Publishing a web page**
 - Web server directory root (htdocs), executable root (cgi-bin)
 - Pros and cons of relative and absolute links
 - Publishing your documents on a web server
 - Default HTML document (index.html) and user home pages

- **Fonts, backgrounds and colours**
 - Fonts (sizes and typefaces) and colours (RGB)
 - Page attributes (text, hyperlink, visited link and active link colours)
 - Background images

- **Tables**
 - Creating simple tables and table headings.
 - Table, row, column and cell attributes.
 - Column and row spanning, blank cells

- **Image maps**
 - Rectangle, circle and polygon hotspots. Tools to help develop coordinates.
 - Server and client side image maps. Placing ".MAP" files on HTTP server.

- **Forms**
 - Overview of forms, data submitted and executable programs
 - Creating text boxes and text areas (names, values, attributes)

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- **Forms**
 - Radio boxes and tick boxes (group names, values)
 - Selection and pull down lists
 - Hidden forms (passing hidden data to program)
 - Form buttons (submit, reset, plain)
 - Form actions (example action to `mailto:username@server"`)
 - Brief introduction to CGI (using example CGI scripts)
- **Frames**
 - Creating pages with frames (FRAMESET, FRAME), frame attributes (names, row & column sizes, immovable frames, borders, scroll bars)
 - Alternative pages for non-frame browsers (NOFRAMES)
 - Creating hyperlinks to named frames, top page, opening another window
- **Java applets and plugins**
 - What is JAVA? Embedding JAVA applets, example JAVA applets
 - What are plugins? Installing plugins. Embedding plugins in a page.
- **Additional HTML**
 - The META tag, cache expiry times and client pull.
 - Introduction to server side includes (SSI)

Course Duration:

2 Days

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