

COURSE CODE: WEBHTM

COURSE TITLE: HTML/XHTML

AUDIENCE: Potential web designers and developers who are new to web site development and XHTML syntax and who need to create and maintain web sites

PREREQUISITES: Familiarity with using the Internet, Web, and a browser (such as Internet Explorer or Firefox)

DURATION: 2 days

SUMMARY: This intensive, hands-on course provides the delegate with the latest specification of HTML/XHTML syntax. Through the case study the delegate will have the opportunity to create a small three page web site using a text editor (e.g., Notepad). This can then serve as a starter site for his/her portfolio.

OBJECTIVES: Upon completion of this course, delegates should:

- › Have a sound understanding of XHTML syntax
- › Preview web pages in a browser
- › Be able to develop well-formed web pages and upload them
- › Be able to validate a web page using the W3C Validator

1. WEB BASICS

- › Review of web terminology
- › Explanation of web development languages
- › Purpose of tags

2. XHTML STRUCTURE & BASIC TAGS

- › Mandatory tags
- › Headings
- › Paragraphs and line breaks
- › Lists
- › Links

3. INSERTING IMAGES

- › Supported formats
- › Controlling image size
- › Image maps

4. TABLES

- › Table structure and attributes
- › Advanced table structure
- › Nested tables

5. FORMATTING FOR OLDER BROWSERS (pre CSS)

- › Structural formatting
- › Logical formatting
- › Physical formatting
- › Fonts
- › Colours

6. INTRODUCTION TO CASCADING STYLE SHEETS (CSS)

- › Inline, embedded and external style sheets
- › Using style sheets to format web pages
- › Cascading Style Sheet Positioning (CSSP)



7. FORM HANDLING

- › Form components
- › CGI scripts

8. FRAMES

- › Creating frames pages
- › Nested framsets
- › Disadvantages of frames
- › Handling browsers that do not support frames

9. META TAGS

- › Classifying your web pages for search engines

10. UPLOADING YOUR WEB SITE

- › Using File Transfer Protocol