CIW Foundations Series – Course 2:
Web Page Authoring Fundamentals (March 2002)

Web Page Authoring Fundamentals is a 12-hour course designed to teach students Web page creation and other aspects of Web authoring. Students gain experience developing Web pages in a text editor and a graphical user interface (GUI) editor. Students also learn how to use Cascading Style Sheets (CSS) and study the basics of Extensible Hypertext Markup Language (XHTML), JavaScript, Dynamic HTML (DHTML), and the Document Object Model (DOM). After completing this course, students will be able to create simple Web pages containing text, graphics, hyperlinks, tables, forms and frames.

Topics

Intro to Web Page Authoring
Creating Web Pages
Text Editors
Graphic User Interface (GUI) Editors
Web Page Accessibility
Front-End Issues
Back-End Issues

Hypertext Markup Language (HTML)
What Is HTML?
HTML Standards
Extensible Hypertext Markup Language (XHTML)
Web browsers and Standards

HTML Coding
Creating an HTML Page
Markup Tags
Document Structure Tags
Paragraph Formatting and Block-level Elements
Text-level Elements
Lists
Adding Hidden Comments
Good Coding Practice

HTML Horizontal Rules and Graphical Elements
Adding Horizontal Ruling Lines
Incorporating Images Into Pages
Special Characters
Specifying Colors in HTML
The Web-Safe Color Palette
Page Colors and Backgrounds
Specifying Font Information

HTML Hyperlinks
Understanding Links
Anchor Tag
Using Images as Links
Creating Internal Links

HTML Tables
Introduction to Tables
Table and Data Alignment Options
Changing Height and Width of Table Elements
Column and Row Spanning

Forms
Forms Overview
<FORM> Tag
Web Form Fields

HTML Image Techniques
Image Techniques
Image Maps
Defining a Client-side Image Map
Image Transparency
Interlacing
Animated GIFs

HTML Frames
Introduction to Frames
<FRAMESET> and <FRAME> Tag
Frameset Document
<NOFRAMES> Tag
Targeting Frames with Hyperlinks
Specifying a Base Target
Borderless Frames

Graphical User Interface HTML Editors
Graphical User Interface Editors
Types of HTML GUI Editors
GUI Editor Functionality
Creating Web Pages in a GUI Editor
HTML Text Editors vs. GUI Editors

HTML Extensions
Extending HTML
Cascading Style Sheets (CSS)
JavaScript
Dynamic HTML (DHTML)
Document Object Model (DOM)
Extensible HTML (XHTML)
Extensible Markup Language (XML)

Target Audience

All professionals required to use the Internet in their daily job functions. Information in this course is required for all levels of specialization in the CIW program.

Job Responsibilities

Understand the common core of Internet knowledge, and apply the foundation skills required for further specialization.

Prerequisites

Students must have completed *Internet Fundamentals* or have equivalent Internet knowledge.

Duration

12 hours

www.CIWcertified.com