



Web Development

Level 1



INFOCUS COURSEWARE

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❖ General Description

This is a beginner's course, which will guide you through the skills you need to be able to design, create and format web pages using HTML and CSS, including adding images and media and using layout techniques.

❖ Learning Outcomes

At the completion of this course you should be able to:

- understand what **HTML** is and what it is used for
- apply basic **HTML** text formatting
- create links in a **HTML** document
- create and work with lists in a **HTML** document
- include images in **HTML** documents
- create tables in **HTML** documents
- create forms for data entry in **HTML** documents
- insert and work with different types of media
- create and use simple cascading style sheets
- use common **CSS** properties for basic formatting
- manage layouts using **CSS**
- ensure your web pages are accessible to everyone
- understand **JavaScript** and how it can be used
- prepare and publish your website

❖ Prerequisites

Web Development - Level 1 assumes little or no knowledge of the HTML and CSS languages. However, it would be beneficial to have a general understanding of personal computers.

❖ Topic Sheets

103 topics

❖ Methodology

The InFocus series of publications have been written with one topic per page. Topic sheets either contain relevant reference information, or detailed step-by-step instructions designed on a real-world case study scenario. Publications can be used for instructor-led training, self-paced learning, or a combination of the two.

❖ Formats Available

A4 Black and White, A5 Black and White (quantity order only), A5 Full Colour (quantity order only), Electronic Licence

❖ Companion Products

There are a number of complementary titles in the same series as this publication. Information about other relevant publications can be found on our website at www.watsoniapublishing.com.

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Product Information



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HTML Basics

- The Internet and the World Wide Web
- A Brief History of HTML
- Basic HTML Concepts
- Starting Notepad in Windows 10
- Creating a Simple HTML Document
- Viewing a HTML Document in a Browser
- Editing a HTML Document
- Adding a Doctype Declaration

Basic Text Formatting

- Creating Headings
- Creating Paragraphs
- Applying Bold and Italics
- Creating Horizontal Lines
- Using Special Characters
- Adding Comments

Links

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- Audio and Video Formats
- Inserting Video
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- Units of Measurement
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- Applying a CSS File to Web Pages

Common CSS Properties

- Colour and Background
- Borders
- Font and Text
- Height and Width
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CSS Layout

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- The Box Model
- Adding a Content Container
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- General Accessibility Guidelines
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- Semantic Page Elements
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Introducing JavaScript

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- JavaScript Syntax
- Creating an Internal Script
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Preparation and Publishing

- Providing Meta Information
- Providing an Icon
- Tests for Web Sites
- Checking Your Web Site
- Your Web Site Host and Beyond

