Quality Endorsed Unit

This unit does not form part of a regulated qualification.

Unit Title: Web Design: An Introduction to HTML & CSS Programming

Unit Reference Number: CJ1/3/WR/007

Level: 3

Credit Value: 8

Minimum Guided Learning Hours: 80

Learning Outcome (The Learner will):		Assessment Criterion (The Learner can):	
1.	Understand the use of the Internet and World Wide Web, and the use of the HyperText Markup Language (HTML) for creating web pages.	1.1	Explain the role of the HTML mark-up language in creating web pages for the Internet
2.	Be able to utilise the most widely used HTML elements	2.1	Implement the most popular text formatting tags, including headings, paragraphs, line breaks, text alignment, font type, font size, font colour, text bold, italic, and underline
		2.2	Create and format tables and frames, specify hypertext links, implement simple forms, incorporate lists, and include graphical images
		2.3	Create a basic web page incorporating a personal image
3.	Be able to design and build a home page using HTML for the framework and CSS (Cascading Style Sheets) for presentation and styling.	3.1	Plan and design a home page with both text and image, using tables or tags for structure and CSS for styling
		3.2	Construct the home page using HTML and CSS for structure and styling
		3.3	Use meta tags to describe the home page content and to include keywords for search engine optimisation purposes
4.	Be able to design and build information web pages.	4.1	Design and plan a minimum of two information web pages using CSS for styling the page backgrounds and presentation

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		4.2	Construct at least one information web page to include an image map using software such as MapEdit
		4.3	Implement at least one list, styled using CSS
5.	Be able to design and construct a products and/or services pages incorporating hypertext links formatted using CSS.	5.1	Plan and design a minimum of two product and/or services web pages
		5.2	Construct at least one product and/or services web page using links, anchors and tables, and utilising CSS to add some style
6.	Be able to design and create a contact details web page incorporating an HTML form styled using CSS.	6.1	Design a contact details web page
		6.2	Construct a contact details web page, incorporating a form to allow the user to enter personal details and a message, using CSS for formatting and style
7.	Understand the use of special effects.	7.1	Use various special effects such as animated images and a picture gallery, and implement structure and colour using forms, frames and tables
		7.2	Use meta tags to create a slide show effect
		7.3	Implement video and sound content
8.	Understand the JavaScript programming language.	8.1	Illustrate a fundamental knowledge of JavaScript
		8.2	Use JavaScript to create rollover buttons, scrolling messages, and a random advertising display
9.	Be able to use HTML editing software.	9.1	Create a web page to include rollover buttons and a navigation bar using Dreamweaver
		9.2	Construct an online store using the ShopFactory Pro software
		9.3	Integrate the online store into the website
10.	Understand the importance of HTML5 elements and API's, and integrate some of these features, such as Canvas, Drag & Drop, and Geolocation, into the website.	10.1	Illustrate a fundamental knowledge of the important HTML5 elements and API's
		10.2	Implement features such as Drag & Drop, Geolocation, and multimedia video and audio into web pages

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