Web Development Fundamentals: HTML & CSS
(พื้นฐานการสร้างและออกแบบ Website ด้วย HTML & CSS)

Duration 1 day

COURSE DESCRIPTION

Throughout this course, you'll learn about the underlying structure of the web – HTML, understand how to use structure to create websites, how to apply styling to a website through CSS. Moreover, you will understand about CSS syntax, selectors, and units. Along the way, you'll also learn about code editors and a browser's developer tools. Get started learning to code in HTML & CSS with this course!

COURSE OBJECTIVES

- Understand coding basics and identify the web technology and HTML/CSS elements used in websites. (This course does not assume any prior experiences)
- Build websites using proper semantic syntax, design styling, HTML5 forms etc.

COURSE OUTLINE

Coding Basics: Intro to HTML Syntax
- The HTML, head, title, & body tags
- Headings, paragraphs, & lists
- The strong & em tags
- The doctype
- The lang attribute
- The meta tag & the unicode character set

Coding Links: Absolute & Relative URLs
- Anchor tags & hrefs
- Linking to other websites
- Linking to pages within a website
- Opening a link in a new browser window/tab

Adding Images
- The break tag
- The image tag & source attribute
- Using the width, height, & alt attributes
- Using horizontal rules

Intro to Cascading Style Sheets (CSS)
- The style tag
- Tag selectors
- The font-size, font-family, color, & line-height properties
- Hexadecimal color codes

CSS Class Selectors
- The class attribute
- CSS class selectors
- The span tag
- CSS opacity

Div Tags, ID Selectors, & Basic Page Formatting
- Dividing up content with the div tag
- Assigning IDs to divs
- Setting width & max-width
- CSS background-color
- Adding padding inside a div
- Centering content
- CSS borders
- CSS shorthand & the DRY principle

Using Browser Developer Tools
- Opening the DevTools in Chrome
- Editing HTML in the DevTools Elements panel
- Enabling, disabling, & editing CSS in the DevTools
- Using DevTools to fine-tune your CSS
- Hexadecimal shorthand

HTML5 Semantic Elements & Validating HTML
- The outline algorithm
- The header, nav, aside, & footer elements
- Understanding articles & sections
- The main element
- The figure & figcaption elements
- Checking for errors: validating your code

WHO SHOULD ATTEND

- Anyone who wants to build websites the "professional way" or needs to learn how website works.

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