COURSE SYLLABUS

Intro to HTML & CSS

Learn the basics of HTML, including syntax and formatting, in this hands-on introductory class. You'll also explore CSS and its various selectors and how to use browser developer tools and validate your HTML code.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/html-intro



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Course Outline

Section 1

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

Section 2

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