COURSE SYLLABUS

Intro to HTML & CSS Course

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 (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/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