



## Introduction to Programming Using HTML and CSS (98-383)

In association with : **Silver  
Microsoft  
Partner**



## **Understand HTML Fundamentals**

Construct markup that uses metadata elements

- Script; noscript; style; link; meta tags, including encoding, keywords, viewport, and translate

Construct well-formed markup that conforms to industry best practices

- DOCTYPE declaration; HTML; head; body; proper syntax, including closing tags and commonly used symbols; comments

## **Understand CSS Fundamentals**

Analyze the impact of using inline styles, internal style sheets, and external style sheets

- When to use inline styles; when to use internal style sheets; when to use external style sheets; precedence when using a combination of inline styles and style sheets

Construct and analyze rule sets

- Valid syntax for the CSS rule set; selectors, including class, id, elements and pseudo-class

Construct well-formed style sheets that conform to industry best practices

- Reusing rules and rule sets; commenting; testing on multiple browsers; web safe fonts

## **Structure Documents Using HTML**

Construct and analyze markup to structure content and organize data

- Table tags; h1-h6; p; br; hr; div; span; ul; ol; li

Construct and analyze markup that uses HTML5 semantic elements

- Semantic tags; header; nav; section; article; aside; footer; details; summary; figure; caption

Construct and analyze markup that implements navigation

- Image links; a; target; bookmark; relative versus absolute links; navigating simple folder hierarchies

Construct and analyze markup that uses form elements

- Form attributes; action; method; submission methods; accessibility; input types and restrictions; select; textarea; button; output; option; datalist; fieldset

## **Present Multimedia Using HTML**

Construct and analyze markup that displays images

- img and picture elements and their attributes

Describe the appropriate use of the img, svg, and canvas elements

Construct and analyze markup that plays video and audio

- Video; audio; track; source; simple iframe implementations

## **Style Web Pages Using CSS**

Construct and analyze styles that position content

- Positioning, including float, relative, absolute, max-width, overflow, height, width, and align; inline versus block; visibility; box model, including margins and padding

Construct and analyze styles that format text

- Font-family; color; font-style; font-size; font-weight; link colors; text formatting, including text alignment, text decoration, and indentation

Construct and analyze styles that format backgrounds and borders

- Border-color; border-style; border-width; backgrounds; divs; colors

Analyze styles that implement a simple responsive layout

- Units of measure; responsive effects with CSS, including viewport and media query; percentages versus pixels; frameworks and templates; max width





# Thank You

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