Training: Microsoft
MS-55319 HTML5 and CSS

Microsoft Partner

TRAINING GOALS:

This five day course is an in depth hands-on study of HTML5, CSS3 and modern web and mobile development. The course includes detailed hands-on labs and Q&A labs. The labs include multiple projects, including one beginning to end web site.

Audience Profile

This class is targeted towards the professional developer new to HTML, self-taught HTML developers, graphics designers and those new to HTML development.

At Course Completion

- Create HTML5 compliant web pages.
- Test and validate HTML and CSS code.
- Create CSS for style pages.
- Work with experimental vendor prefixes.
- Work with fonts and CSS font effects.
- Work with color and color tools.
- Layout pages and content using DIVs, iFrames and Tables.
- Add and format images and CSS sprites.
- Create HTML5 forms.
- Embed and manage video and audio content.

CONSPECT:

- A Brief History of HTML and the Web
  - Welcome!
  - History
  - Details, Details, Details…
  - The Life of a Web Page
  - HTTP Status Codes Definitions
  - Most Important Things to Know as a Web Developer
  - Lab: Getting Started with HTML

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- Core HTML Elements
  - HTML and CSS Editors
  - Text, Spaces and Tabs
  - Working with Tags
  - Attributes
  - Comments
  - Non-Standard Tags
  - Every Page Includes...
  - File Extensions
  - Core Page Elements
  - Nesting
  - Testing HTML
  - HTML and Text
  - Lab: Core HTML Elements
- Cascading Style Sheets
  - Before CSS
  - With CSS
  - Cascading Style Sheets (CSS)
  - Adding CSS to a Page
  - Order of CSS Processing
  - Experimental Vendor Prefixes
  - CSS Units
  - The CSS Box Mode
  - Lab: Cascading Style Sheets
- Fonts and Text
  - Fonts
  - CSS for Text
  - CSS Text Ticks!
  - Working with Lists
  - Upgrading and to Windows 7
  - Lab : Fonts and Text
- Colors and Backgrounds
  - Specifying Colors
  - Applying Colors
  - Gradients
  - Lab : Colors and Backgrounds

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- Anchors and Hyperlinks
- and CSS
- Hyperlinks with Images and Other Objects
- Buttons
- Lab : Anchors and Hyperlinks

- Page Layout
  - Page Layout Options
  - Tables for Data
  - DIVs
  - Float
  - SPAN
  - HTML 5 DIV-like Tags
  - IFRAMES
  - Lab: Page Layouts
- Images
  - Favicon
  - Preparing Images
  - Image Files
  - The IMG Tag
  - Background Images
  - Image Best Practices
  - CSS Sprites
  - Lab : Images
- HTML Forms
  - A Basic Form
  - POST vs. GET
  - name vs. id
  - Basic Form Elements
  - Basic Form Attribute
  - Select
  - Uploading Files
  - HTML 5 Form Enhancements
  - DataList
  - Lab: HTML Forms
- Multimedia
  - Video and Audio

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- HTML 5 Video
- CSS
- JavaScript
- Audio
- Hosting Videos in the Cloud
- Working with Animated GIFs
- Lab: Adding Videos to a Page

REQUIREMENTS:

- While any background in HTML or development is a plus, all you need are basic PC skills and a desire to learn web development.

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training

TRAINER:

Microsoft Certified Trainer

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