

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

- 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

- 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

- 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