

Mastering HTML 5 and CSS 3

Course Length: 3 days

Price: \$2,250

Summary

This course teaches attendees the hands-on, real-world skills they need to successfully build Web sites using HTML 5 (Hypertext Markup Language) and CSS 3 (Cascading Style Sheets). You'll learn all about the new features and how to put them to immediate use in your projects.

Who Should Attend?

Students should have experience with a prior version of HTML and have practical experience with the basics of CSS and JavaScript.

Course Outline

- What Is and Is Not HTML 5
- What Has Changed
- Working with the HTML 5 DocType
- HTML 5 Backward Compatibility
- The HTML 5 Shiv
- Feature Detection the Hard Way
- Feature Detection Using Modernizr
- Polyfills Fill the Gaps
- Semantics Made Easy
- New Elements
- New Attributes
- New Input Types
- Form Validation
- CSS3 and HTML 5

- HTML 5 and JavaScript (Drag and Drop, File Handling, and More, Oh My!)
- Find It With the Selector API
- HTML 5 Microdata, No Small Thing
- HTML 5 and SVG
- You Can Draw It With Canvas
- Video, Almost Everywhere
- Can You Hear Me Now, Audio in HTML 5
- Geolocation is HERE
- History Can Be Changed, HTML 5 History API
- WebStorage, Put It Where?
- Messaging...Say Hello!
- Out of Touch, But Not Out of Mind (Working offline)
- WebSockets
- Juggling WebWorkers