

HTML5 & CSS3 Training

Mode: Classroom

Duration: 24 hours

This program will provide you with training on HTML5 & CSS3 topics.

Mode: Classroom

Course Outline:

1. Why HTML5 and CSS3?	6. Audio and Video
<ul style="list-style-type: none"> Why do we need HTML5 and CSS3? HTML5 Feature Overview Important Tools and Scripts Browser limitations Looking to the Future –HTML5 Technologies 	<ul style="list-style-type: none"> Audio and Video without plugins? Playing audio files Playing video files Script libraries that will save you time!
2. Getting Started with HTML5 Boilerplate	7. Geolocation
<ul style="list-style-type: none"> What is HTML5 Boilerplate and why would I use it? HTML5 Boilerplate Features Getting Started with HTML5 Boilerplate 	<ul style="list-style-type: none"> Integrating Geolocation into HTML5 applications Supported browsers Accessing Longitude, Latitude & other Settings Geolocation script libraries
3. HTML5 Semantic Tags	8. Local Storage
<ul style="list-style-type: none"> The need for semantic tags Defining headers and footers Defining sections Defining articles Defining figures Defining navigation 	<ul style="list-style-type: none"> Building a Better Cookie Local Storage API Local Storage Events
4. Styling HTML5 with CSS3	9. Web Workers
<ul style="list-style-type: none"> Key CSS3 Features Are there Cross-Browser Limitations? CSS3 Selectors Working with shadows Defining Gradients Rounding Corners Using Transforms 	<ul style="list-style-type: none"> What are Web Workers? Creating a Web Worker script Posting Messages
5. Drawing with Canvas and SVG	10. Web Sockets
<ul style="list-style-type: none"> The Canvas is all about JavaScript! Canvas Drawing Functions Drawing lines Drawing shapes SVG Fundamentals JavaScript Libraries 	<ul style="list-style-type: none"> The Role of Web Sockets Creating a Socket Server Connecting to a Socket Server from the Client
	11. Detecting HTML5 Features with Modernizr
	<ul style="list-style-type: none"> What is Modernizr? Detecting features with Modernizr Modernizr CSS Classes Detecting HTML5 Features using JavaScript