



Know Tomorrow Today



Duration: 4 Days | 32 Hrs

This course includes hands on experience on how to do jQuery programming to customize HTML content by using it. This training includes, how to use jQuery new features to build pages that work across browsers with the functionality that today's users (and clients) are looking for, from complex animation effects to dynamic page formatting.

Audience :

Student should have working knowledge on HTML, CSS.

Course Outline

Unit 1: JavaScript basics

- Variables
- Working with Function
- Working with conditional statement
- Working with Loops
- Array and Object

Unit 2: Debugging with Firebug

Unit 3: Getting Started with jQuery

- What is jQuery?
- Downloading and installing jQuery
- Creating a simple jQuery-enabled page
- Overview of jQuery's features

Unit 4: jQuery with HTML Page Content

- Overview of selectors and filters
- Using basic jQuery selectors
- Using basic jQuery filters
- Child, visibility, and content filters
- Form selectors and filters
- Understanding jQuery statement chaining

Unit 5: Manipulating Page Content

- Creating, getting, and setting content
- Manipulating attributes
- Inserting content
- Wrapping, replacing, and removing content
- Working with CSS

Unit 6: Working with Events

- Understanding the jQuery event handling features
- Binding and unbinding events
- Convenient event helper methods
- Using the jQuery event object
- Using miscellaneous event features

Unit 7: Creating custom animations with jQuery

- Hiding and showing elements
- Sliding elements
- Fading elements in and out
- Creating custom animations

Unit 8: Using the jQuery UI & Plug-In

- Introduction to jQuery UI
- Using the jQuery UI ThemeRoller
- Exploring the jQuery UI widgets
- Downloading and installing jQuery UI
- Exploring the jQuery UI effects
- Working with jQuery Plug-in

Unit 9: Working with AJAX

- What is AJAX
- Reading JSON data with AJAX
- Parsing XML data with AJAX

Unit 10: Creating Slide show

Unit 11: Creating Product Filter

Unit 12: Accessing Flickr feeds with JSON

Unit 13: Accessing youtube video's with JSON

Unit 14: Working with gRaphel library for creating charts