

jQuery Web Development

Duration: 2 Days **Course Code: JQWD** **Delivery Method: Virtual Learning**

Overview:

jQuery Web Development Course Overview

This jQuery Web Development course is designed to provide web developers with the skills needed to utilise jQuery in web applications. Delegates will use the effects, animations, plug-ins and tools provided by the jQuery library to create rich client interfaces. Using a hands-on workshop approach, delegates gain practical experience in using some of the more advanced features and tools available to the web developer. Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

Who will the Course Benefit?

This jQuery Web Development course is aimed at either novice or experienced web developers that are looking to include the jQuery tools in their projects.

Objectives:

- Course Objectives
 - By the end of the course delegates should be able to:
 - Implement jQuery in a Website
 - Add Dynamic Page Content
 - Implement jQuery animations
 - Understand jQuery DOM manipulation
 - Understand the jQuery UI Library
 - Use jQuery Plugins
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Prerequisites:

- Delegates who wish to attend this jQuery Web Development course should have experience with HTML and CSS selectors, as well as some knowledge of JavaScript or a similar language. This can be obtained by attendance on the pre-requisite courses.
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Follow-on-Courses:

Further Learning

- Developing Applications with Java EE
 - PHP Developer
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Content:

jQuery Web Development Training Course Course Contents - DAY 1

Course Introduction

- Administration and Course Materials
- Course Structure and Agenda
- Delegate and Trainer Introductions

Session 1: INTRODUCTION TO JQUERY

- Downloading and Implementing jQuery
- Enabling jQuery
- Using Basic Features
- Why jQuery?
- jQuery Popularity and Alternatives
- Cross-Browser Compatibility
- jQuery UI and Plugins

Session 2: JQUERY BASICS

- Selecting Elements
- Working with Selections
- CSS, Styling and Dimensions
- Attributes
- Manipulating Elements

Session 3: JQUERY CORE

- Utility Methods
- Checking Types
- Date Methods
- Detection

Session 4: JQUERY EVENTS

- Connecting Events to Elements
- The Event Handling Function
- Triggering Events
- Event Delegation
- Event Helpers jQuery Web Development Training Course Course Contents - DAY 2

Session 5: JQUERY EFFECTS

- Effect Built-ins
- Custom Effects
- Animations
- Easing
- Effect Management

Session 6: JQUERY AJAX

- Key AJAX Concepts
- AJAX Methods
- Using AJAX with Forms
- JSONP
- AJAX Events

Session 7: JQUERY PLUGINS

- Plugins Explained
- Creating a Plugin
- Using Existing Plugins
- Writing a Plugin

Session 8: FURTHER JQUERY

- jQuery Performance
- Encapsulation
- Managing Dependencies

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/