JavaScript Essentials with jQuery

Category: Software Development & Programming | **Vendor:** Various

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

JavaScript Essentials with jQuery provides an introduction to and experience working with the JavaScript programming language in the environment it's used in the most: the browser.

About This Course

JavaScript Essentials with jQuery provides an introduction to and experience working with the JavaScript programming language in the environment it's used in the most: the browser.

Prerequisites & Entry Requirements

General Prerequisites:

- HTML5 - Content Authoring Fundamentals
- HTML5 - Content Authoring with New and Advanced Features

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Become both familiar with the language and confident enough to work with it in any context Learn enough of the DOM API to bend it to your will Make communication between the browser and your server possible Understand and effectively leverage closures Understand how JavaScript's object model differs from the model classical object-oriented programming languages Learn what jQuery is and how to add it to your applications Use jQuery to select complex sets of elements from the DOM Develop rich web pages that respond to user interaction Interact with your server-side code using Ajax Explore a wide variety of plugins and learn how to write your own Test your applications to make sure your JavaScript is as solid as the rest of your code

Detailed Course Outline

1 - JavaScript Basics

- Debugging Tools
- JavaScript Functions
- JavaScript Arrays
- More On Element Selection

2 - Working with jQuery

- JavaScript Strings and Regular Expressions
- Object-Oriented JavaScript
- JavaScript Event Handling
- Advanced JavaScript
- Attributes, Forms, and DOM
- More jQuery!
- Event Handling
- More On Elements!
- Ajax
- Navigation Techniques

3 - jQuery Plug-Ins & Enhancements

- jQuery Plugins
- jQuery UI
- Templates

4 - JavaScript Object Notation (JSON)

- JSON Objects
- JSON Syntax and Processing
- jQuery, JSON, and AJAX

5 - jQuery

- Why jQuery?
- Basic jQuery
- Manipulating the DOM

6 - Advanced Topics

- JavaScript Best Practices
- Performance and Optimization
- Download Options
- Security

7 - Web Design

- Responsive Web Design
- User Interface Principles
- Layout Techniques
- Selection Techniques

Frequently Asked Questions

Q: What delivery options are available for JavaScript Essentials with jQuery?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 5-day JavaScript Essentials with jQuery course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the JavaScript Essentials with jQuery training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for JavaScript Essentials with jQuery?

Yes, we provide corporate training, dedicated training, and closed classes for JavaScript Essentials with jQuery. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for JavaScript Essentials with jQuery?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your JavaScript Essentials with jQuery training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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