

# Mastering JavaScript & JQuery Essentials (TT4115)

**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

This hands-on course is geared for web developers who need to learn basic JavaScript and JQuery to use with today's systems and architectures to build sophisticated web interfaces. JavaScript is simple and elegant but is often difficult to work with because it's so different from the programming languages most developers are used to utilizing. You will experience a balanced mixture of theory and practical labs to gain core JavaScript skills to ease the development of advanced web applications. If you are building for the web, learning jQuery will change the way you write JavaScript, working across multiple browsers and platforms. After this course, you will be able to hit the ground running applying essential JavaScript to projects at both an architectural as well as a line by line coding level.

## About This Course

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## **Who Should Attend**

This is an introductory level course for experienced software developers seeking to enhance and extend their core web development skillset leveraging JavaScript and JQuery. Attendees should have practical experience developing basic software applications. This course provides an excellent foundation for continued learning to gain in-demand skills in in-demand skills and technologies such as NodeJS, Angular, React, Redux and more. This course can also be tailored for less experienced or non-developers as needed

# Learning Outcomes

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

Throughout the course, students will explore practical use of the umbrella of technologies that work in conjunction with JavaScript as well as some of the tools, toolkits, and frameworks that can be used in conjunction with web development and deployment. The course begins with an initial look at JavaScript and how it is used within the context of web applications, walking students through the different technologies that are used with JavaScript and exploring core aspects of JavaScript and JQuery in terms of web applications, security, tools and frameworks.

Working within in a dynamic, hands-on learning environment, guided by our expert team, attendees will:

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

Students will explore:

What is JavaScript, how does it relate to other programming languages, and how do you script your web pages with it

How do you traverse and manipulate the DOM and how do you handle events in ways that work in all browsers'

What is Ajax and how does JavaScript make it possible

What are closures and prototypes and other exotic features of JavaScript

What is jQuery and why should you use it

How does jQuery reduce the amount of code that you have to write to add rich functionality to both existing and new web pages'

How does jQuery make Ajax programming easier

What best practices are there for using jQuery so that it works unobtrusively and performs well

What plugins and extensions are available to enhance your applications even more than the core jQuery library can provide

## Additional Course Details

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Nexus Humans Mastering JavaScript & JQuery Essentials (TT4115) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Mastering JavaScript & JQuery Essentials (TT4115) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Mastering JavaScript & JQuery Essentials (TT4115)?**

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
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## **Q: How many CPD hours does this course provide?**

The 5-day Mastering JavaScript & JQuery Essentials (TT4115) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Mastering JavaScript & JQuery Essentials (TT4115) training?**

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

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## **Q: Do you provide corporate training for Mastering JavaScript & JQuery Essentials (TT4115)?**

Yes, we provide corporate training, dedicated training, and closed classes for Mastering JavaScript & JQuery Essentials (TT4115). 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.

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## Q: Why choose Nexus Human for Mastering JavaScript & JQuery Essentials (TT4115)?

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 Mastering JavaScript & JQuery Essentials (TT4115) 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

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