ITS JavaScript

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

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

Course Information

Delivery Format: Mentored

Certification: ITS JavaScript

Course Overview

The JavaScript course helps learners to develop skills in to become professional web developers whowill be able to create and develop robust, user-friendly and interactive websites. It also teaches learners how to build web applications and mobile applications.Upon completion of this course, learners can expect to have the knowledge of the basic tools and programming skills required to develop a web page and debug using exception handling. The goal of this course is to provide information on how to develop a website using JavaScript and prepare for a JavaScript certificate including text explanations, video demos, lab activities, self-assessment questions, and a practice exam to increase chances of passing the exam on the first try

About This Course

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Who Should Attend

Designed for high school students and web developers who want to specialize in developing interactive web applications and mobile applications using JavaScript. By becoming JavaScript certified, as web developers you can work on both front-end as well as backend client-server. You will be able to enhance your Java programming skills and apply them to develop a wide range of webbased applications like interactive online forms and video editing. It also helps you to manage the websites of an organization by updating and backing up the existing websites.

Prerequisites & Entry Requirements

General Prerequisites:

Basic understanding of Java programming language. Usage of internet and web browser. Basic knowledge of network architecture, client-server model. Basic understanding of database.

Learning Outcomes

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

Upon successful completion of this course, students should be able to: Use operators, variables, data types and functions in Java. Test and use HTML to create HTML forms. Develop interactive web applications using JavaScript. Investigate or debugging code using the exception handling method. Create events using HTML.

Detailed Course Outline

Lesson 1: JavaScript Operators, Methods, and Keywords

- Skill 1.1: Complete and debug code that uses assignment and arithmetic operators.
- Skill 1.2: Apply JavaScript best practices.
- Skill 1.3: Evaluate the use of internal and external scripts.
- Skill 1.4: Implement exception handling.
- Skill 1.5: Complete and debug code that interacts with the Browser Object Model (BOM).

Lesson 2: Variables, Data Types, and Functions

- Skill 2.1: Declare and use variables of primitive data types.
- Skill 2.2: Declare and use arrays.
- Skill 2.3: Complete and debug code that uses objects.
- Skill 2.4: Complete and debug code that uses built-in Math functions.
- Skill 2.5: Complete and debug functions that accept parameters and return values.

Lesson 3: Decisions and Loops

- Skill 3.1: Evaluate expressions that use logical and comparison operators.
- Skill 3.2: Complete and debug decision statements.
- Skill 3.3: Complete and debug loops.

Lesson 4: Document Object Model

- Skill 4.1: Identify and construct the Document Object Model (DOM) tree.
- Skill 4.2: Identify and handle document, form, keyboard, and mouse events.
- Skill 4.3: Complete and debug code that outputs to an HTML document.
- Skill 4.4: Complete and debug code that locates, modifies, and adds HTML elements and attributes to documents.
- Skill 4.5: Create events using event handlers and listeners.

Lesson 5: HTML Forms

- Skill 5.1: Complete and debug code that retrieves form input and sets form field values.
- Skill 5.2: Complete and debug code that performs input validation.
- Skill 5.3: Describe the form submission process.

Additional Course Details

Nexus Humans ITS JavaScript 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 ITS JavaScript 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

Q: What delivery options are available for ITS JavaScript?

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: What certification does this course prepare me for?

The ITS JavaScript course helps prepare you for the ITS JavaScript certification path.

Q: How many CPD hours does this course provide?

The 5-day ITS JavaScript 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 ITS JavaScript 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 ITS JavaScript?

Yes, we provide corporate training, dedicated training, and closed classes for ITS JavaScript. 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 ITS JavaScript?

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 ITS JavaScript training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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