

# Introduction to JavaScript | Modern JavaScript Essentials (TT4110)

**Price:** 1895

**Duration:** 3 days

**Delivery Methods:** Virtual

## Overview

Introduction to JavaScript / Modern JavaScript Essentials, is a three day hands-on course that equips you with essential JavaScript skills to build interactive, responsive web applications. Beginning with core programming concepts, you'll learn to write clean, efficient code using variables, operators, and flow control, gaining a strong understanding of how JavaScript structures dynamic functionality in modern web projects. Through 50% hands-on labs, you'll apply your knowledge in real coding scenarios, building confidence as you write, test, and refine JavaScript code.

As you advance, you'll sharpen your debugging skills, using browser tools to set breakpoints, manage performance, and handle exceptions effectively. This course empowers you to work with complex functions, closures, and arrays, showing you how to manipulate data, control scope, and create more efficient, reusable code. You'll gain the ability to identify and fix issues on the fly, improve your program's efficiency, and use advanced JavaScript features to structure code that is both powerful and maintainable.

By the end of the course, you'll be equipped with practical skills in Object-Oriented JavaScript and DOM manipulation, enabling you to craft responsive interfaces that update seamlessly. You'll also dive into the latest ES6 enhancements, TypeScript for strong data typing, and secure coding practices, preparing you to build scalable applications with confidence. Additionally, you'll explore HTML5 JavaScript APIs, such as geolocation and canvas, to create interactive features that enhance user engagement. Whether you're a budding web developer or looking to refresh your skills, this

course delivers the practical JavaScript expertise needed to succeed in today's digital landscape.

## **Audience Profile**

This course is designed for beginner to intermediate web developers, software engineers, and IT professionals who want to build a strong foundation in JavaScript for web development. Ideal for roles such as front-end developers, UX/UI designers, and junior full-stack developers, it's suited to anyone looking to enhance their skills in building dynamic and interactive web applications.

## **At Course Completion**

This course combines engaging instructor-led presentations and useful demonstrations with valuable hands-on labs and engaging group activities. Throughout the course you'll learn how to:

**Master Core JavaScript Syntax and Flow Control** - Develop proficiency in writing efficient JavaScript code by understanding variables, operators, loops, and conditional statements, setting a foundation for creating dynamic web functionality.

**Debug and Optimize JavaScript Code** - Gain hands-on experience with browser debugging tools to identify, troubleshoot, and improve code performance, ensuring applications run smoothly and efficiently.

**Utilize Advanced Functions and Closures** - Learn to create and work with complex functions, closures, and anonymous functions to enhance code reusability and manage scope effectively within larger applications.

**Build Interactive Web Pages Using DOM Manipulation** - Acquire the skills to access, modify, and dynamically update the Document Object Model (DOM) to create responsive, interactive user interfaces.

**Implement ES6+ Features and TypeScript for Scalable Code** - Apply modern JavaScript features, such as ES6 syntax, modules, and TypeScript, to write clean, maintainable, and scalable code suited to modern web development needs.

## **Prerequisites**

This is an introductory level course for experienced software developers seeking to enhance and extend their core web development skillset leveraging JavaScript. 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. Please inquire for details.

## Course Schedule

Date	Time	Price	Options
07/27/2026	09:00 AM - 05:00 PM CT	1,895.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>

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## **FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.