Szkolenie: Microsoft
MS-55244 JavaScript for Developers

Microsoft Partner

Cel szkolenia:

This five-day instructor-led is an in depth hands-on study of JavaScript. The course includes detailed hands-on labs and Q&A labs. The labs include multiple projects that update an existing web site.

After completing the course, students will be able to:

- Write and test JavaScript code in modern browsers.
- Understand and work with the browser's Document Object Model (DOM).
- Work DOM objects and write code to respond to events.

Audience profile:

This course is intended for both novice and experienced programmers. Some experience in C++, C# or Java is helpful.

Plan szkolenia:

- Basic Scripting
  - JavaScript Basics
  - JavaScript or ECMAScript?
  - Which Version of JavaScript am I Using?
  - Shims, Shivs, and Polyfills
  - Writing and Testing JavaScript
  - Editors and the F12 Tools
  - Key Parts of a Script
- The Document Object Model
  - The DOM
  - Accessing Objects from the DOM
  - Responding to Events
  - Adding Elements to the DOM
- Introduction to jQuery
  - jQuery

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- Downloading the jQuery Library
- jQuery Versions
- Linking to the Library
- Selecting Elements using jQuery
- Working with the Data Returned by jQuery
- Setting CSS Properties
- Running a Function Against the jQuery Return Set

- Ajax and Web Services
  - Web Services
  - HTTP Verbs
  - Data Formats - XML and JSON
  - Ajax
  - RESTful Web Services
  - OData
  - OData Queries
  - OData Updates
- Diving in Deeper
  - Is JavaScript Compiled?
  - Data Types and Objects
  - Extending Data Types
  - Variables, Scopes and Hoisting
  - Functions
  - The “this” Keyword
  - Errors
  - Recursion

Wymagania:

Useful, but not required:

- Previous programming experience using C, C# or Java.
- HTML and CSS web development.

Poziom trudności



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Certyfikaty:

Certyfikat ukończenia **autoryzowanego kursu Microsoft**.

Prowadzący:

Microsoft Certified Trainer.

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