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Learning Style: On Demand

Technology:

Difficulty: Intermediate

Course Duration: 2 Hours

Introduction to Javascript



About this course:

This 2-hour Introductory JavaScript course is designed to teach students the fundamentals of JavaScript programming. This course is critical for someone trying to get into web development and wanting to learn more about JavaScript fundamentals. This course is a shorter version of our more comprehensive course on JavaScript.

Three main coding languages or scripts rule the internet: HTML5, CSS3, and JavaScript. However, JavaScript stands apart from the other two, as there is still a debate whether HTML5 and CSS3 constitute languages. That said, all browsers have JavaScript interpreters built-in. Thus if you want to do anything on the web, you need to know JavaScript. What truly makes JavaScript special is that it is the language of interaction. Web developers use JavaScript to create user interactivity

and ultimately make websites and other digital content more sophisticated and compelling. This is the reason JavaScript is a required proficiency for serious web developers who not only want to be professionally successful but also to become leaders in their craft. Fortunately, there is ample opportunity to learn JavaScript online, covering basic, intermediate, and advanced training in JavaScript.

The average salary for Front End Web Developer is **$88,680** per year.

Course Objective:

After completing this course, students will have a working understanding of:

- Development Platforms
- Popular Browsers
- Code Editors
- Learning Tools
- Libraries, and Frameworks
- ECMA-262 (JavaScript Standardization)
- JavaScript Versus Java

Audience:

This course is intended for:

- Anyone who has web development knowledge and experience based on HTML and CSS as a background, looking to enhance their career in web development through essential object-oriented programming language like Javascript – for both front and back-end.

Prerequisites:

- Students must have basic knowledge of html and CSS.

Suggested prerequisites courses:

- How to make a website HTML CSS for Beginners Course
- HTML CSS Easy steps to create a web template from scratch

Course Outline:

Introduction

Module 1: Getting Started

- Lesson 1: Amazing Things You Can Do
- Lesson 2: Development Platforms
- Lesson 3: Popular Browsers

- Lesson 4: FireFox and Firebug Installation
- Lesson 5: Code Editors
- Lesson 6: Brackets IO Installation
- Lesson 7: Learning Tools
- Lesson 8: Additional Developer Tools
- Lesson 9: Libraries, and Frameworks
- Module Summary
- Knowledge Check

Module 2: What is JavaScript?

- What is JavaScript
- Lesson 1: In the Beginning
- Lesson 2: ECMA-262 (JavaScript Standardization)
- Lesson 3: Language Characteristics
- Lesson 4: Syntax Derived from C
- Lesson 5: JavaScript Versus Java
- Lesson 6: Little Language that Could
- Module Summary

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