

Introduction to Javascript scripting

Duration: 3 Days Course Code: GK0780

Overview:

Every time a website responds to movements of your mouse, JavaScript is responsible for it. Knowledge of JavaScript is therefore very useful if you want to create an attractive, interactive website. If you do not have any programming experience it will not be a problem! This course starts with the basics and covers anything that will help any beginner learn Javascript successfully. You build website elements and simple applications, so that you immediately see how JavaScript is used and which applications are possible.

Target Audience:

Anyone who wants to start programming in Javascript.

Objectives:

- At the end of this course you will be able:
 - to understand the use of Javascript
 - to write your first program
 - to use variables
 - to understand arrays
 - to work with operators and expressions
 - to create objects and use them
 - to use callbacks and closures
 - to use events
 - to understand API's and jQuery
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Prerequisites:

No specific programming knowledge is needed.

Testing and Certification

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Follow-on-Courses:

NA

Content:

Module 1: Getting started with JavaScript

- What is JavaScript and when to use it
- Writing Your First JavaScript Program
- Working with variables
- Working with operators, expressions, and statements
- Understanding Arrays and Maps
- Going with the flow with loops and if else

Module 2: More JavaScript Syntax

- Avoiding long if statements with the Switch statement
- Writing and calling functions
- Arrow functions
- Creating and Using Objects
- Properties, methods and constructors

Module 3: JavaScript on the Web

- HTML + CSS quickstart
- Controlling the browser with the Window object
- Manipulating documents with the DOM
- Using Events in JavaScript
- Debugging JavaScript programs
- Dealing with errors and exceptions

Module 4: Beyond the Basics

- Searching with regular expressions
- Introduction to Vue

Further Information:

For More information, or to book your course, please call us on 0800/84.009

info@globalknowledge.be

www.globalknowledge.com/en-be/