

Introduction to JavaScript («ISC»)

In this course you will learn the syntactic basic structures and the application areas of JavaScript in practical, largely self-developed scripts.

Duration: 2 days

Price: 1'400.–

Course documents: Digicomp Courseware

Vendor code: ISC

Content

1. Introduction
 - Architecture
 - Files of application
 - Versions
2. Simple script
 - Integration
 - Console
 - Comment
3. Values
 - Literal
 - Vocabulary
 - Identifiers
 - Variable
 - Strict Mode
 - Constant
4. Operators
 - Assignment operation
 - Arithmetic operation
 - Concatenation operation
 - Comparison operation
 - Logic operation
 - Conditional operation
 - Composite operation
5. Types of Data
 - Type testing operation
6. Conversions
7. Text templates
8. Arrays
 - Enumeration
 - Length
 - Access
9. Ramifications
 - Types
 - Condition structure
 - Alternative structure
 - Multiple selection
 - Case differentiation
10. Loops
 - Types
 - Pre-test loop
 - Post-test loop

- For loop
 - Property loop
 - Collection loop
- 11. Jumps
 - Iteration abort
 - Loop abort
- 12. Functions
 - Declaration
 - Ausdruck
 - Parameter
 - Return value
 - Invocation
 - Argument
- 13. JavaScript Object Notation (JSON)
 - JSON structure
 - JSON data
- 14. Formulate
 - Forms
 - Form API
- 15. Events
 - Types
 - Treatment
 - Bubbling
- 16. Browser
 - Navigator
 - URL
 - Query String
 - Cookie

Key Learnings

- Learning the basic syntactic structures using typical JavaScript script
- Knowledge about the possibilities, the use and the limits of JavaScript

Target audience

This course is aimed at future JavaScript developers who want to learn the basic syntactic structures of the programming language.

Requirements

Programming skills are an advantageous. The attendance of the following courses (or equivalent knowledge) is required:

- [Introduction to CSS3 \(«IC3»\)](#)
- [Introduction to HTML5 \(«HT5»\)](#)

Further courses

- [Introduction to Vue.js \(«SPAVJS»\)](#)
- [Web Application Security – Foundation \(«SWO»\)](#)
- [Advanced in JavaScript \(«ISA»\)](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-software-engineering/programming-languages/java-javascript/course-introduction-to-javascript