SETC Training Corporate Logo

JavaScript Training: From Basics to Objects (JSCRIPT, 3 jours)

Description

The course JavaScript from Basics to Objects (JavaScript Training) explores everything that you need to know to get up and running with JavaScript. The training includes JavaScript essential concepts such as variables, data types, control structures & functions. The course covers JavaScript object programming using classes and inheritance through prototypes, references, classes and subclasses. The course covers JavaScript data validation, form data manipulation, DOM parsing & traversal and XML programming.

Tarifs

- Tarification: $2,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

JavaScript Fundamentals

- JavaScript Overview
- JavaScript Programming Basics
- JavaScript Data Types
- Declaring and Using Variables
- Arithmetic Operators
- Logical Operators
- Working with Strings
- Debugging Tools

JavaScript Language Constructs

- Conditional Constructs: if ... else
- Using Embedded if ... else Statements
- Conditional Constructs: switch( )
- Loop Constructs: for(...)
- Loop Constructs: while(...)
- Loop Constructs: do .... while(...)

Functions

- The Need for Functions
- Declaring Functions
- Working with Function Parameters
- Using Functions
- Creating a Function Library

Strings and Regular Expressions

- The String Object
- Coping with Data Entry Errors
- Using the String Methods
- Using Regular Expressions: RegExp

Working with JavaScript Classes and Objects

- Proper Coding
- Working with Objects: Declaration and Instantiation
- Creating an Object
- Accessing Object Properties

Using Object Methods
Using JavaScript's Classes
Interacting with the Browser and the Document
Interacting with the Browser
Dialog Boxes
Status Bar Messages
Window Manipulations
Writing to Documents
Dynamic Documents
HTML Forms
HTML Forms: The Process
Data Collection Through Forms
The Form Object
Form Elements
Form Properties
Form Validation
Validation Process Overview
Testing Data
Reporting Results