

## JavaScript Training

This 2-day JavaScript Training Course provides developers with the essential JavaScript knowledge needed to get to grips with building dynamic, interactive web pages with sophisticated user interfaces.

### Objective

On Completion of our JavaScript training course, you will be able to:

- Understand the fundamentals of programming (if starting as a novice)
- Write Object orientated JavaScript as a functional language
- Read and understand real world JavaScript (such as the jQuery source)
- Make changes to a web page using DOM scripting.
- Use a DOM wrapper (jQuery).
- Load content dynamically using AJAX.

### Details

**Duration:** 2 Days

### Who is this course for

Web designers and developers already working with HTML, CSS & tableless layouts who want to start using JavaScript to building dynamic, interactive websites. Familiarity with HTML5 and CSS3 will be an advantage.

## Course Content

### Fundamentals

- Variables
- Arithmetic
- Strings
- Loops
- Functions
- Flow Control

### Basics of JQuery

- Selecting parts of a page
- Styling on the fly
- Handling Events

### Web Techniques

- Showing and hiding parts of a page
- Dynamic forms
- Rollovers
- Animation
- User Interaction

### DOM Scripting

- Accessing parts of a web page.
- Browser incompatibilities.

### Object Orientation

- Objects
- JSON
- Inheritance

### AJAX

- Reading from a server
- Writing a Twitter client
- Accessing Facebook

### Best Practice Techniques

- Closure
- The module pattern
- Testing with qUnit
- TDD in JavaScript

