



t: 01273 622272 e: info@siliconbeachtraining.co.uk w: www.siliconbeachtraining.co.uk

**silicon  
beach**  
TRAINING

## JavaScript

**Duration:** 2 days

**Price:** £495 + vat

### Prerequisites

Delegates attending this JavaScript Training course should have attended our HTML Training and CSS Training courses, or have equivalent knowledge

JavaScript is the most popular programming language in the world. There are more JavaScript interpreters, running on more machines across the world than any other language. It's also a profoundly misunderstood language. Initially treated as a toy, its beauty and structure were overlooked for many years. Now it is used to create web applications, games, cross platform mobile apps, and rich, interactive websites.

Starting from first principles, our two day JavaScript course is designed to teach you everything you need to know to write good, clean, best practice JavaScript. Through a series of exercises, taught sessions, and a final project, we will gain a good grounding in the basics before optionally moving up to some of the more powerful techniques such as Object orientation, JSON, DOM scripting, functional programming, the module pattern, and testing with qUnit.

Taking a practical approach, our JavaScript course can accommodate a wide variety of skill levels, from novice programmers to existing developers.

### Objectives

On Completion of this JavaScript training course, delegates will be able to:

- Understand the fundamentals of programming (if starting as a novice).
- Write Object orientated JavaScript and 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.

### Course Content

#### Fundamentals

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

#### Basics of jQuery

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

### Follow Us



### Related Courses

**jQuery:** 2 days

**AJAX:** 2 days

**HTML5:** 1 day

**CSS3:** 1 day

### Links

feeds.feedburner.com/sbtblog/  
facebook.com/SiliconBeach  
twitter.com/sbttraining



t: 01273 622272 e: info@siliconbeachtraining.co.uk w: www.siliconbeachtraining.co.uk

**silicon  
beach**  
TRAINING

## JavaScript (continued)

**Duration:** 2 days

**Price:** £495 + vat

### Prerequisites

Delegates attending this JavaScript Training course should have attended our HTML Training and CSS Training courses, or have equivalent knowledge

### Course Content (continued)

#### 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

### Follow Us



### Related Courses

**jQuery:** 2 days

**AJAX:** 2 days

**HTML5:** 1 day

**CSS3:** 1 day

### Links

[feeds.feedburner.com/sbtblog/](https://feeds.feedburner.com/sbtblog/)  
[facebook.com/SiliconBeach](https://facebook.com/SiliconBeach)  
[twitter.com/sbttraining](https://twitter.com/sbttraining)