

JavaScripting: Introduction

Course Overview

This two day Introduction to JavaScripting course is designed to give you the scripting knowledge to add interactivity to your website and to enable you to provide your site's users with a richer, more responsive experience. This is a practical hands-on course which assumes no previous programming knowledge.

Course content

DAY ONE

Introduction to JavaScript

- JavaScript and Java
- Embedding JavaScripts in HTML
- Dealing with non-JavaScript browsers
- Creating external .js files

Basic object oriented concepts

- Objects - properties, methods and events

Browser object models

- The cross-browser DOM
- Understanding object properties

Event handlers

- What are Events?
- Using OnClick
- Using OnMouseOver

Programming essentials

- Introducing variables and datatypes
- Local and global variables
- Understanding and writing your own variables with functions
- Conditionals and loops

Creating simple scripts

- Creating a JavaScript alert
- Detecting different browser versions
- Creating and triggering a rollover

DAY TWO

Creating animating graphics

- Learning to use arrays and timeout() methods
- Creating banners

Global JavaScript concepts

- Global JavaScript objects
- Working with frames
- Using cookies

Working with forms

- Using JavaScripts to validate information typed into forms
- Checking data in multiple fields

JavaScript and browser windows

- Opening/closing browser windows
- Controlling window content

JavaScript good practice

- Common JavaScript errors
- Building a collection of scripts

Questions and answers