



JavaScript for Web Designers | Course Overview

COURSE DESCRIPTION

JavaScript for Web Designers is tailored to suit visual designers who need to know enough code to insert, use and configure freely available JavaScript plugins to add dynamic animation, functionality and interaction to websites. We cover an introduction to the fundamental building blocks of the JavaScript language and then move on to use that knowledge in implementing popular plugins.

Gain confidence, understanding of and familiarity with JavaScript to take advantage of the many and various available plugins and/or to communicate successfully with programmers on your web development team.

Facilitated by instructors who have 20+ years expertise in teaching all things web and who will reveal the latest in best practices and workflows.

WHO SHOULD ATTEND & PREREQUISITES

It is recommended that you have attended our 1 day Intro to HTML & CSS course or have the equivalent experience to gain the most from this training.

TRAINING MODULES

- HTML & CSS Revision
- Setting up JavaScript
- Understanding Data Types
- Declaring, Retrieving and Changing Variables
- Objects & Functions
- Conditional Statements & Loops
- JavaScript Plug-ins
- Implementing a Hamburger Menu Plug-in
- Introduction to jQuery

From: **\$995** (+GST)

PER DAY | 9AM-4:30PM

Please visit our website for enquiries and bookings:


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 **AUTHORISED**
Training Centre

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- Free after-course support*

*Conditions apply

Premium training for visual communication

Providing quality training since 1989 to the publishing, design, marketing, print and web industries. Join us in Sydney, Brisbane & Melbourne.



Course Outline

HTML REVISION

Tags
Document Structure

CSS REVISION

Tags
Classes
IDs

JAVASCRIPT SETUP

Where to Add the JavaScript Code
Calling in External JavaScript Files
Order and Timing – Waiting for the Page to Load
Using Alert, Prompt and Confirm
Testing with the Console
The Rules of Writing JavaScript
The Onload Function

UNDERSTANDING DATA TYPES

PRIMITIVE DATA TYPES

Strings
Numbers
Booleans

DECLARING, RETRIEVING AND CHANGING VARIABLES

Using the Var Keyword
Operators
Concatenation

ARRAYS

Longhand and Shorthand

OBJECTS

FUNCTIONS

Writing and Calling on Custom Functions
Parameters

CONDITIONAL STATEMENTS

Conditional Logic
Else Conditions
Comparison Operators
Multiple Conditions
AND and OR

LOOPS

Repeating Code a Number of Times

USING FOR LOOPS

Optional – Reference an Array with a For Loop

OPTIONAL – USING FOR/IN LOOPS

Optional – Referencing Objects with a For/In Loop

JAVASCRIPT PLUGINS

Where to Look for Pre-Written JavaScript Plugins
Understanding Plugin Requirements

IMPLEMENTING A HAMBURGER MENU PLUGIN

Finding Required Files and Code
Inserting Required HTML into Our own HTML
Inserting Required CSS into Our own CSS
Setting Up an Onload Function
Inserting Required JavaScript into the Function
Optional – Modifying and Customising the Menu

JQUERY

What is jQuery
How to Recognise When it is Needed
Versions of jQuery
Loading in the jQuery Libraries
The jQuery Document Ready Function

IMPLEMENTING A JQUERY SLIDESHOW PLUGIN

Finding Required Files and Code
Inserting Required HTML into Our Own HTML
Inserting Required CSS into Our Own CSS
Setting Up a Document Ready Function
Inserting Required JavaScript into the Function

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