

PROFESSIONAL TRAINING COURSE



4 Days Course on
Javascript and AJAX Fundamentals



Two Sigma Technologies

Suite B, 19-2, Jalan PGN 1A/1, Pinggiran Batu Caves,
68100 Batu Caves, Selangor

Tel : 03-61880601/Fax :03-61880602

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About The Course

Learn how to make your website elicit the “Wow!” response and make your web pages more interactive and user friendly. Participants will learn how to code Javascript from scratch using nothing more than a text editor and a web browser. This course also teaches participants how to create web applications that utilize Asynchronous JavaScript and XML (AJAX), combined with the Document Object Model (DOM) to create dynamic web apps, that are able to immediately react to the mouse movements, inputs, and other interaction by the end user.

Objectives

At course completion, participants will have a solid foundation in Javascript / AJAX syntax, form and function.

Prerequisites

Participants should have an understanding of how to use a web browser and HTML in order to gain maximum benefit from this course.

Course Settings

Venue/Date	Refer to Training Calendar
Timings	0900-1700
Inclusive	Certificates and notes
Course Fee	Contact Us at sales@2-sigma.com
Audience	IT Officer, Web Developer and Programmer

JavaScript – 4 Days Schedule

Day 1	
9.00am – 10.00am	General Javascript Rules <ul style="list-style-type: none"> • Basic operators • Math operators • Relational operators • Logical operators
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	Program flow <ul style="list-style-type: none"> • “if” statements • Nested “if” statements Loops & switches <ul style="list-style-type: none"> • “while” loop • “do...while” loop • “for” loop • “switch” statement
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	Functions <ul style="list-style-type: none"> • Declaring, defining and calling

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	<ul style="list-style-type: none"> Parameters Returns Working with images <ul style="list-style-type: none"> Creating rollover images Cycling banners Random images
Day 2	
9.00am – 10.00am	Working with browser windows <ul style="list-style-type: none"> Opening browser windows Cross window communication Manipulating windows
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	Form Handling <ul style="list-style-type: none"> Making dynamic forms Validating fields Regular expressions
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	Event handling <ul style="list-style-type: none"> Window, mouse, key and form events Cookies <ul style="list-style-type: none"> Reading, using and deleting cookies
Day 3	
9.00am – 10.00am	Introduction to CSS <ul style="list-style-type: none"> Cascading Style Sheet basics
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	DOM (Document Object Model) <ul style="list-style-type: none"> Understanding and navigating nodes
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	<ul style="list-style-type: none"> Methods for making pages dynamic Applied Javascript
Day 4	
9.00am – 10.00am	Introduction to AJAX <ul style="list-style-type: none"> Reading & parsing server data Previewing links with AJAX Auto-completing form fields
10.00am – 10.30am	Breakfast
10.30am – 1.00pm	Ajax toolkits <ul style="list-style-type: none"> Using the container utility Adding animation effects Implementing logger control
1.00pm – 2.00pm	Lunch
2.00pm – 5.00pm	Bookmarklets <ul style="list-style-type: none"> Using bookmarklets Word lookup Viewing images



More Information

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To register, please email to sales@2-sigma.com or fax the registration form to 03-61880602, we will contact you for further action.

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