

JavaScript Programming



Course Objective :

This course teaches the JavaScript and programming techniques needed to develop cutting-edge, interactive Websites. From opening windows to image-flipping and form validation, our JavaScript classes give you the skills imperative to building exciting, dynamic Web pages.

Prerequisite:

Prior knowledge in HTML Coding an advantage.

Certificate Of Attendance :

Certificate Of Attendance will be awarded to students completing the course achieving minimum 75% attendance.

Training Methodology & Materials:

- Practical case study sessions to enhance concept.
- Well-designed lab sessions to enhance further understanding of the courseware.

Training Duration:

Full-Time : 2 weekdays
Time : 9.30am to 5.30pm

Course Fee :

Normal Course Fee : S\$550
Regn Fee : S\$30
All fees subject to GST 7% *(Call us for latest promotion!)*

Detailed Course Outline

1. Introduction To JavaScript

- 1.1. What is JavaScript?
- 1.2. What JavaScript Can Do?

2. Basic JavaScript Concepts

- 2.1. Basic Concepts of JavaScript
- 2.2. Keeping Script Tag in Head Section
- 2.3. Keeping Script Tag in Body Section
- 2.4. Keeping Script Tag in External File
- 2.5. Writing First JavaScript Program

3. Functions, Methods and Events

- 3.1. Functions in JavaScript
- 3.2. How To Declare Functions?
- 3.3. Passing Parameters
- 3.4. Calling Functions

4. How To Work With Loops?

- 4.1. What is Looping?
- 4.2. Different Types of Loop
- 4.3. Decision Making Statements

5. How To Work With Objects?

- 5.1. What is DOM?
- 5.2. Creating Objects
- 5.3. Defining Document Object
- 5.4. Defining String Object
- 5.5. Defining Math Object
- 5.6. Defining Date Object

6. How To Work with Forms and Events?

- 6.1. Form Object
- 6.2. Empty Fields Validation
- 6.3. Email Validation
- 6.4. What are Events?
- 6.5. Various Dialog Boxes

7. How To Work With Browsers and Cookies Functions in JavaScript?

- 7.1. Browser Detection
- 7.2. Navigator Object and Its Properties
- 7.3. What Are Cookies?

8. More About Objects

- 8.1. Window Object
- 8.2. Popup Windows
- 8.3. JavaScript Menu

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