

Programming with JavaScript 3 Days

Pre Requisite:

Delegates attending this course should be capable of using a internet browser. They should also have an understanding of the basic principles of HTML. Some knowledge of navigating the Internet is also useful. No previous programming experience, however, is required

Description:

This course is designed to extend the capability of Web Designers currently using HTML to include the power of JavaScript. JavaScript allows fully interactive web pages to be developed with only a basic knowledge of programming. This course provides that basic knowledge to non-programmers.

Content:

Introduction: Alternative products for Web design.
Java Script and other products. Tagging Java Script code into HTML pages.

Variables: Variable types. Defining variables. Literals and variables. Using of object properties.

Operators and Expressions: Operators of Java Script. Assignment operators. Comparison operators. Logical operators. Concatenating strings.

Statements: JavaScript statements. Comments to code. If... else statements. While loops. For loops. Break and continue statements. FOR...IN loops. With code blocks.

Functions: Benefits. Defining a function. Passing parameters to functions. Returning results from functions. Calling a function.

Objects: Object-oriented language and object based language. Properties, Methods and Events. Objects available. Form element objects. Creating simple objects with properties and methods.

Events: Events available to JavaScript. Recognising an event has taken place. Coding event handlers.

Controlling Web Pages: The Window object.

Tracking Page Addresses: The location object. The History object.

Documents: The Document Object.

Forms: The Form Object. The Faked Event. Frames in an HTML document. Accessing objects located within frames.

Cookies: Defining a Cookie. Elements. Limitations. To set, read and delete a cookie from JavaScript.

Images and Sound: Incorporating graphics within Web pages. The image object. Incorporating sound within Web pages.