



Computer Consultants Corporation

JavaScript

A Comprehensive Introduction

Length of course: 2 class days (12 hours)

Prerequisites: Participant should be well-versed with the Internet and the use of HTML.

Learning Objectives: Students will learn to use JavaScript to make their Web pages interactive and dynamic, to validate user input forms, and to personalize Web pages with cookies.

Define JavaScript

- What is it?
- When to use it?
- Hardware and software needed

Basics of JavaScript

- Declaring Variables and Arrays
- Expressions and Operators
- Functions and Statements
- Using Objects
- Conditional Statements
- Loops
- Event Handlers

JavaScript Objects

- Navigator
- Document
- Form
- String
- Math
- Date
- Location
- History

Animation

- Rollovers
- Cycling Banners
- Scrolling Messages

Browser Interaction

- Status Bar Messages
- Determining Browser Version
- Prompting the User with Dialogs
- Opening, Closing, and Sizing Windows

Forms and Validation

- Checking Form Fields
- Validating Entries
- Making Forms Dynamic
- Site Navigation Using a Drop-Down Menu

Cookies

- What are cookies?
- Creating and Reading Cookies
- Personalizing Web Pages

Dynamic HTML (DHTML)

- What is DHTML?
- Cascading Style Sheets (CSS)
- Manipulating Images and Layers
- Collapsible Outlines