

JAVASCRIPT PROGRAMMING

Available Dates: **Request Dates**

Class Length: **3 day**

Cost: **\$1,497**

[Email Computer Visions about this class](#)

Class Outline:

Description

This JavaScript programming course is designed for the beginning programmer to develop Web applications using the JavaScript programming language. Students will learn how to write JavaScript programs that use the latest language techniques. Students will also learn how to write programs that are compatible with previous versions of the language and are cross-browser compatible.

Table of Contents:

Lesson 1: Getting Started with JavaScript

JavaScript Overview

JavaScript Programming Overview

Lesson 2: JavaScript Building Blocks Variables and Operators

Variables and Data Types Overview

Using Variables and Data

Operators

Lesson 3: JavaScript Building Blocks Control Statements

Controlling the flow ♦ JavaScript Control Statements

Lesson 4: JavaScript Building Blocks Functions and Objects

Functions

Objects

Lesson 5: The Window Object

The Window Object

Dialog Boxes

Status Bar Messages

Window Manipulations

Lesson 6: The Document Object

The Document Object

Writing to Documents

Dynamic Documents

Lesson 7: Working with Frames

HTML Frames Review

Scripting for Frames

Lesson 8: Working with Forms and Forms-based Data

The Form Object

Working with Form Elements and Their Properties

Lesson 9: Validating Form Data

A General Approach

Testing for Required Fields

Validating Numeric Data

Validating String Data

Lesson 10: Dates and Math

Overview of the Date Object

Using and manipulating Dates

Overview of the Math Object

Doing Math with JavaScript

Lesson 11: Introduction to Cross-browser Compatibility

Examining the Compatibility Landscape

Detecting Browser and Platforms