

ACCESS VBA: 2013

Available Dates: **Jan 28-30, Feb 25-27, Mar 25-27, Apr 23-25, May 20-22, Jun 24-26**

Class Length: **3 day**

Cost: **\$1,295**

[Email Computer Visions about this class](#)

Class Outline:

Course Outline:

Unit 1: Getting Started

- Topic A: Introduction to Programming in Access
- Topic B: Why Program in Access?
- Topic C: Understanding the Development Environment
- Topic D: Using Visual Basic Help

Unit 2: Working with Procedures and Functions

- Topic A: Understanding Modules
- Topic B: Creating a Standard Module
- Topic C: Understanding Procedures
- Topic D: Creating a Sub Procedure
- Topic E: Calling Procedures
- Topic F: Using the Immediate Window to Call Procedures
- Topic G: Creating a Function Procedure
- Topic H: Naming Procedures
- Topic I: Organizing Code and Procedures
- Topic J: Working with the Code Editor

Unit 3: Understanding Objects

- Topic A: Understanding Classes and Objects
- Topic B: Navigating the Access Object Hierarchy
- Topic C: Understanding Collections
- Topic D: Using the Object Browser
- Topic E: Working with the Application Object
- Topic F: Understanding the Form Object
- Topic G: Working with Properties
- Topic H: Using the With Statement
- Topic I: Working with Methods
- Topic J: Understanding the DoCmd Object
- Topic K: Working with Events
- Topic L: Understanding the Order of Events

Unit 4: Using Expressions, Variables, and Intrinsic Functions

- Topic A: Understanding Expressions and Statements
- Topic B: Declaring Variables
- Topic C: Understanding Data Types
- Topic D: Working with Variable Scope
- Topic E: Working with Variable Lifetime
- Topic F: Considering Variable Scope and Lifetime Together
- Topic G: Using Intrinsic Functions
- Topic H: Understanding Constants
- Topic I: Using Intrinsic Constants
- Topic J: Using Message Boxes
- Topic K: Using Input Boxes

Unit 5: Controlling Program Execution

- Topic A: Understanding Control-of-Flow Structures
- Topic B: Working with Boolean Expressions
- Topic C: Using the If...End If Decision Structures
- Topic D: Using the Select Case...End Select Structure
- Topic E: Using the For...Next Structure

Topic F: Using the For Each...Next Structure
Topic G: Using the Do...Loop Structure
Topic H: Guidelines for use of Branching Structures

Unit 6: Working with Recordsets
Topic A: Declaring and Creating Object Variables
Topic B: Working with the DAO Recordset Object

Unit 7: Debugging Code
Topic A: Understanding Errors
Topic B: Using Debugging Tools
Topic C: Setting Breakpoints
Topic D: Setting Break Expressions
Topic E: Using Break Mode during Run Mode
Topic F: Stepping through Code
Topic G: Determining the Value of Expressions

Unit 8: Handling Errors
Topic A: Understanding Error Handling
Topic B: Understanding VBA's Error Trapping Options
Topic C: Trapping Errors with the On Error Statement
Topic D: Understanding the Err Object
Topic E: Writing an Error-Handling Routine
Topic F: Working with Inline Error Handling