

Access 2003 Level 4 VBA

Prerequisites

Students should have a fundamental knowledge of Access or have taken the Access Level 3 course.

Description

Access 2003 VBA Programming is designed for experienced Access users who want to learn activex data objects, control structures, and the basics of VBA programming. This instructor's edition is designed for quick scanning in the classroom, and filled with interactive exercises.

Detailed Outline

Visual Basic Editor

Objects
Object Browser
Collections

Programming basics

Data
Scope

Control structures

Decision structures
Loop structures

Objectives

By the end of this course, you will be able to:

- ✓ Work with objects, use Object Browser, identify collection objects, and use the Controls collection.
- ✓ Manipulate data by declaring variables, combine data by using expressions, get user input, create Sub and Function procedures, and call one procedure from another.
- ✓ Use decision structures and use loop structures.
- ✓ Identify ActiveX Data Objects (ADO) architecture and collections, connect to a database, work with a Recordset, and create a parameter query.

ActiveX Data Objects

Getting started with ActiveX Data Objects
Working with ActiveX Data Objects

VBA debugging tools

Errors in code
Debugging techniques
Handling run-time errors

Appendix A: Office integration

Automating Office 2003
Working with Word from Access
Working with Excel from Access