

Access 2007/2010 VBA Programming

Audience	This course is appropriate for learners with advanced skills in Microsoft Access 2010 or earlier versions. They should be able to write queries, design custom reports and forms, and create macros.
Description	This course uses a combination of lecture, hands-on practice, and independent exercises to introduce students to VBA programming for Microsoft Access.
Objectives	Upon successful completion of the class, students should be able to: <ul style="list-style-type: none">■ Understand objects and use the Object Browser■ Understand and apply control structures■ Work with ActiveX Data Objects■ Identify errors in the code■ Use debugging tools and handle runtime errors■ Work with Word and Excel from Access
Length	1 day

I. Visual Basic Editor

- A. Objects
- B. Object Browser
- C. Collections

II. Programming Basics

- A. Working with data
- B. Scope

III. Control Structures

- A. Decision structures
- B. Loop structures

IV. ActiveX Data Objects

- A. Getting started with ActiveX Data Objects
- B. Working with ActiveX Data Objects

V. VBA Debugging Tools

- A. Errors in Code
- B. Debugging Techniques
- C. Handling Runtime errors

VI. Office Integration

- A. Automating Office 2007 or 2010
- B. Working with Word from Access
- C. Working with Excel from Access

