Telephone: 0208 942 5724
Email: info@aspecttraining.co.uk

YOUR COURSE, YOUR WAY - MORE EFFECTIVE IT TRAINING

Access VBA Introduction

Duration: 3 days

Overview:

Aspect Training's Microsoft Office Access VBA training course builds on the skills you've already developed in creating database applications learn on our previous Microsoft Access courses and helps you take them to the next levelâ€"using Visual Basic for Applications (VBA) to accomplish things you once performed manually.

To facilitate this lofty goal, Access includes the VBA programming language. Even if you've never programmed, Aspect Training's Microsoft Office Access VBA training course will help you learn how to leverage the power of VBA to make your work with Access more efficient than ever before.

Aspect Training's Microsoft Office Access VBA training course is for professionals who use Microsoft Access frequently in their daily work. You have serious work to get done and this course teaches you the essential skills you need to automate your databases as quickly as possible.

Prerequisites:

Attendance of Aspect Training's Microsoft Access Introduction and Microsoft Access Advance courses or equivalent.

Topics:

1 - Getting Started

Introduction to access programming

Understanding the development environment

Using VB help

2 - Developing with Procedures and Functions

Understanding and creating modules

Defining procedures

Creating a sub-procedure

Calling procedures

Utilising the immediate window to call procedures

Making and naming a function procedure

Working using the code editor

3 - Understanding Objects

Understanding classes and objects

Navigating the Access object hierarchy

Understanding collections

Using the object browser

Working with the application object

Understanding the form object

Working with properties

Using the with statement

Working with methods

Understanding the DoCmd object

Working with events

Understanding the order of events

4 - Utilising Intrinsic Functions, Variables and Expressions

Defining expressions and statements

How to declare variables

Determining data types

Programming with variable scope

Harnessing intrinsic functions

Defining constants and using intrinsic constants

Adding message boxes and using input boxes

How to declare and use object variables

5 - Controlling Program Execution

Understanding control-of-flow structures

Working with boolean expressions

Using the if...end if decision structures

Using the select case...end select structure

Using the for...next structure

Using the for each...next structure

Using the do...loop structure

Guidelines for use of branching structures

6 - Working with Recordsets

Declaring and creating object variables

Working with the ADODB recordset object

Specifying a recordset cursor type

Locking records for updating

Specifying a recordset cursor location - optional

Using the cache size property - optional

Understanding recordset cursor properties - optional

7 - Debugging the Code

Defining errors

Working with debugging tools

Determining breakpoints

How to step through code

Working with break mode during run mode

Identifying the value of expressions

8 - Handling Errors

Understanding error handling

Understanding VBA's error trapping options

Trapping errors with the on error statement

Understanding the error object

Writing an error handling routine

Working with inline error handling