IDEALYSE

Microsoft Access 2 day VBA Introduction Course

Aim of the course:

This course is designed to give delegates a good grounding with the building blocks of the programming language which underlies Access – Visual Basic for Applications (VBA).

Topics Covered

Introduction to Vba
What is VBA?
When to use VBA instead of Macros
The VBA Environment

Understanding the Components of VBA
Modules, Functions and Procedures
Comments and Documentation

Event Procedures and Functions
Using Objects, Properties and Methods
User Defined Function

Data Types, Variables and Operators
Visual Basic Data Types
Working with Variables
Working with Constraints
Working with Operators and Expressions

VBA Built-in Functions
Mathematical Functions
Date and Time Functions
String Functions

Decision Structures in VBA
Using If Then Else
Select Case
Using VB Constants

Working with Looping
Do Until…Loop
Do While…Loop
For…Next Statement

Invoking Actions and Macros
The Docmd Statement
Using the Command Button Wizard

Working with Access Objects
What is an Object in VBA
Properties of Objects

Manipulating Data
Data Access Objects
Tables, Dynasets and Snapshots
Finding Records
Using Data Objects with Forms
Using Bookmarks

Working with ActiveX Controls
The Calendar Control

Error Handling
Working with Error Handling Routines
Exiting an Error Trap

This course has been designed for the non-technical user who needs to design and create applications in Microsoft Access. However, experienced technical staff will find that they can gain a very in-depth overview of what Visual Basic for Applications is about.