

Microsoft Access 2010



Level 2

INFOCUS COURSEWARE

Level Series Order Code: INF1031

*	General
	Description

The aim of this course is to build on the introductory skills of Level 1. The student learns how to ensure that data is entered correctly, how to create more sophisticated and complex queries, and is introduced to some basic automation techniques involving macros.

Learning Outcomes At the completion of Microsoft Access 2010 Level 2 you should be able to:

- use various data validation features in Access to protect data
- > format the data in a table
- > perform more advanced queries using a variety of querying techniques
- > create and use parameter queries
- > create calculated queries
- modify and adapt an existing form according to specific needs
- create and use macros in Access
- work with a number of macro techniques
- > create macros on forms

Target
Audience

Microsoft Access 2010 Level 2 is designed for users who have an understanding of how tables are created, records are entered, modified and deleted, and how simple queries, reports and forms are created.

Microsoft Access 2010 Level 2 assumes some knowledge of the software to create basic databases and generate reports. It would be beneficial to have a general understanding of personal computers and the Windows operating system environment.

94 pages

Nominal Duration*

Pages

Levels publications are based around a 1-day training program from 9.30 am to 4.30pm.

Student Files

Prerequisites

All student files will be available to use during the training day and also after the training through the F1plus online workroom.

Methodology

The In Focus series of publications have been written with one topic per page. Topic sheets either contain relevant reference information, or detailed step-by-step instructions designed on a real-world case study scenario. Publications can be used for instructor-led training, self-paced learning, or a combination of the two.

After training support All the training material will be available for the delegate to use after the training day through our online workroom. Delegates will also have access to our online interactive course on this topic.

Product Information

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Contents

▶ Data Validation

- √ Assigning Default Values
- √ Validation Rules And Text
- √ Validating Numbers
- ✓ Setting Required Fields
- ✓ Working With Validations

➤ Formatting Tables

- ✓ Changing Column Widths
- ✓ Formatting Cells In The Table
- ✓ Changing Fonts
- ✓ Moving Columns In A Table
- √ Freezing Columns In A Table
- ✓ Hiding Columns In A Table
- ✓ Unhiding Columns

➤ Querying Techniques

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- ✓ Creating AND Queries
- ✓ Creating OR Queries
- ✓ Querying Numeric Data
- ✓ Querying Dates
- ✓ Using A Range Expression
- ✓ Querying Opposite Values
- ✓ Moving Fields In A Query
- ✓ Sorting Query Data
- ✓ Removing Fields From A Query
- ✓ Querying Using Wildcards
- √ Problem Characters
- ✓ Querying With A Lookup Table
- ✓ Sorting Query Data Numerically
- ✓ Displaying NULL Values

➤ Parameter Queries

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- ✓ Displaying All Records
- ✓ Using Parameters To Display A Range
- √ Using Parameters In Expressions

➤ Calculations In Queries

- ✓ Creating A Calculated Field
- ✓ Formatting Calculated Fields
- √ Summarising Data Using A Query
- ✓ Changing The Grouping
- ✓ Calculating With Dates
- ✓ Using Criteria In Calculations
- ✓ Concatenating String Fields

➤ Modifying Forms

- ✓ Understanding Form Design And Layout
- ✓ Switching Between Form Views
- ✓ Selecting Form Objects
- ✓ Working With A Control Stack
- ✓ Changing Control Widths
- ✓ Moving Controls On A Form
- ✓ Aligning Controls

- ✓ Understanding Properties
- ✓ Changing Label Captions
- ✓ Adding An Unbound Control
- ✓ Adding A Control Source
- ✓ Formatting A Control
- ✓ Checking The Current Tab Order
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- ✓ Inserting The Date Into The Form Header

Creating And Using Macros

- ✓ Understanding Macros And VBA
- ✓ Creating A Macro
- ✓ Running A Macro
- ✓ Modifying An Existing Macro
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- ✓ Stepping Through A Macro
- ✓ Documenting Macros

Macro Techniques

- ✓ Creating A Print Macro
- ✓ Using Conditions To Enhance A Macro
- ✓ Creating A Sequence Of Conditions
- ✓ Understanding The Versatility Of MsaBox
- ✓ Using The MsgBox Function
- ✓ Reconfiguring A Message Box
- ✓ Using The InputBox Function

➤ Macros On Forms

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- ✓ Accessing Event Macros
- ✓ Creating Unassigned Buttons
- ✓ Programming An Event
- ✓ Running An Event Macro
- ✓ Modifying An Event Macro
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- ✓ Adding A Close Button
- ✓ Creating A Search Macro
- ✓ Running The Search Macro
- ✓ Understanding The Search Macro
- √ Naming Macros
- ✓ Referencing Macro Sheet Macros

➤ Concluding Remarks

Product Information

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