

Access 2007 Introduction



Sutherland
Computer
Services

Learning outcomes

The skills and knowledge covered in this course are sufficient to create robust relational database systems in Microsoft Access, enter, edit and delete data in database files, produce information in forms and reports, and generate queries on the data.

Target audience

This course is primarily designed for people who need to know how to create effective databases using Microsoft Access and to manipulate data to provide viable information.

This course will cover the following topics:

Access 2007 Orientation

- Understanding Microsoft Access 2007
- Starting Access
- Understanding The Getting Started Screen
- Opening An Existing Database File
- Understanding The Access 2007 Screen
- Working With The Navigation Pane
- Working With A Table
- Working With Other Database Objects
- Closing A Database File
- Exiting From Access 2007

Designing A Lookup Database

- How Access Stores Data
- Access 2007 Data Types
- Scoping Your New Database
- Identifying Table Problems
- Refining Table Structures
- Finalising The Design

Creating A Lookup Database

- Creating A New Database File
- Creating The Lookup Table
- Defining The Primary Key
- Saving And Closing A Table
- Creating The Transaction Table
- Understanding Lookup Table Relationships
- Connecting To A Lookup Table
- Viewing Table Relationships

Modifying Table Structures

- Opening An Existing Table
- Adding Fields To An Existing Table
- Understanding Field Properties
- Changing Field Size
- Changing Field Names
- Changing Decimal Places

- Changing Date Formats
- Indexing Fields
- Deleting Fields From A Table
- Copying A Table Within A Database
- Deleting A Table From A Database File

Adding Records To A Table

- Typing Records In A Table
- Adding Records Using A Form
- Saving A Form Layout For Reuse
- Adding Records Using An Existing Form
- Assignment – Adding Records
- Importing From Microsoft Excel

Adding Transactional Records

- Typing Transactional Records
- Transactional Records Using A Form
- Assignment – Adding Transactional Records
- Adding Records Using A Subdatasheet
- Removing A Subdatasheet
- Inserting A Subdatasheet

Working With Records

- Table Navigation
- Navigating To A Specific Record
- Editing A Record
- Deleting Record Data
- Undoing A Change
- Deleting A Record
- Deleting Several Records
- Searching In A Table
- Searching In A Field
- Finding And Replacing
- Printing Records From A Table
- Compacting A Database

Sorting And Filtering

- Simple Sorting
- Sorting On Several Fields

- Simple Filtering
- Working With Filters
- Filtering Between Dates

Creating Queries

- Understanding Queries
- Creating A Query Design
- Working With A Query
- Changing A Query Design
- Applying Record Criteria
- Clearing Selection Criteria
- Saving A Query
- Running Queries From The Navigation Pane
- Deleting A Query
- Assignment – Creating Queries

Creating And Using Reports

- Understanding Reporting In Access
- Creating A Basic Report
- Working With Existing Reports
- Previewing And Printing A Report
- Changing The Report Layout
- Using The Report Wizard
- Creating A Grouped Report
- Creating A Statistical Report
- Working With Grouped Reports

Creating And Using Forms

- Understanding Forms
- Creating A Basic Form
- Creating A Split Form
- Binding A Form To A Query
- Using The Form Wizard
- Working With Existing Forms
- Editing Records In A Form
- Deleting Records Through A Form
- Deleting An Unwanted Form

Pro-efficient Professional

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