

ExecuTrain Course Outline

Microsoft® Office Access™ 2007: Level 2

ET84482

2 days

Description:

In this course, you will consider how to maintain data consistency, how to customize database components, and how to share Access data with other applications. Microsoft Office Access 2007: Level 2 is designed for students who would like to learn intermediate-level operations of the Microsoft Office Access program. The Level 2 course is for individuals whose job responsibilities include maintaining data integrity; handling complex queries, forms, and reports; and sharing data between Access and other applications. This course is also a prerequisite to taking more advanced courses in Access 2007.

Prerequisites:

To ensure the successful completion of Microsoft Office Access 2007: Level 2, the completion of the Microsoft Office Access 2007: Level 1 course or equivalent knowledge is recommended.

Objectives:

You will maintain data consistency and integrity; improve queries, forms, and reports; and also integrate Microsoft® Office Access™ 2007 with other applications. Upon successful completion of this course, students will be able to:

- modify the design and field properties of a table to streamline data entry and maintain data integrity.
- retrieve data from tables using joins.
- create flexible queries to display specified records, allow for user-determined query criteria, and modify data using queries.
- enhance the capabilities of a form.
- customize reports to organize the displayed information and produce specific print layouts.
- share Access data across other applications.

Outline:

Lesson 1: Controlling Data Entry

Topic 1A: Restrict Data Entry Using Field Properties

Topic 1B: Establish a Pattern for Entering Field Values

Topic 1C: Create a List of Values for a Field

Lesson 2: Joining Tables

Topic 2A: Create Query Joins

Topic 2B: Join Unrelated Tables

Topic 2C: Relate Data Within a Table

Lesson 3: Creating Flexible Queries

Topic 3A: Set Select Query Properties

Topic 3B: Create Parameter Queries

Topic 3C: Create Action Queries

Lesson 4: Improving Forms

Topic 4A: Design a Form Layout

Topic 4B: Enhance the Appearance of a Form

Topic 4C: Restrict Data Entry in Forms

Topic 4D: Add a Command Button to a Form

Topic 4E: Create a Subform

Lesson 5: Customizing Reports

Topic 5A: Organize Report Information

Topic 5B: Format the Report

Topic 5C: Set Report Control Properties

Topic 5D: Control Report Pagination

Topic 5E: Summarize Report Information

Topic 5F: Add a Subreport to an Existing Report

Topic 5G: Create a Mailing Label Report

Lesson 6: Sharing Data Across Applications

Topic 6A: Import Data into Access

Topic 6B: Export Data

Topic 6C: Analyze Access Data in Excel

Topic 6D: Export Data to a Text File

Topic 6E: Merge Access Data with a Word Document

Appendix A: Microsoft Office Specialist Program

