



Access 2007: Advanced – Level 3

Access 2007: Advanced builds on the skills and concepts taught in Access 2007: Intermediate. Students will learn how to query with SQL; create crosstab, parameter, and action queries; create macros; import, export, and link database objects; work with XML documents; work with Windows SharePoint Services; optimize databases; password-protect and encrypt databases; set Access options and properties; create hyperlink fields; and use Outlook 2007 to update data.

Course Length

2 Days

Prerequisites

Access 2007: Intermediate or equivalent experience

Topics

Unit 1: Querying with SQL

Topic A: SQL and Access

Topic B: Writing SQL statements

Topic C: Attaching SQL queries to controls

Unit 2: Advanced queries

Topic A: Creating crosstab queries

Topic B: Creating parameter queries

Topic C: Using action queries

Unit 3: Macros

Topic A: Creating, running, and modifying macros

Topic B: Attaching macros to the events of database objects

Unit 4: Advanced macros

Topic A: Creating macros to provide user interaction

Topic B: Creating macros that require user input

Topic C: Creating the AutoKeys and AutoExec macros

Topic D: Creating macros for data transfer



Unit 5: Importing, exporting, and linking

Topic A: Importing objects

Topic B: Exporting objects

Topic C: Interacting with XML documents

Topic D: Linking Access objects

Topic E: Working with Windows SharePoint Services

Unit 6: Database management

Topic A: Optimizing resources

Topic B: Protecting databases

Topic C: Setting options and properties

Unit 7: Internet integration

Topic A: Hyperlink fields

Topic B: Working with Outlook 2007