

## Microsoft Access 2010 Intermediate

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**Audience:** This course is designed for students who wish to create a basic level of knowledge of Microsoft® Access® database program to perform their day-to-day responsibilities, and to understand the advantages that using a relational database program can bring to their business processes. This course is for the individual whose job responsibilities include creating and maintaining records; locating records; and producing reports based on the information in the database.

**This course is suited for those using Microsoft Access 2007 and 2010. We run Microsoft Access 2010.**

**Prerequisites:** To ensure your success, we recommend that you first complete the following Bravura Training courses or have equivalent knowledge:

**Microsoft Office Access 2007 or 2010 Basics**

**Course Length:** 12 hours *varies, based on need.*

**Tuition:** \$375

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### Assessment & Customization

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### Unit 1: Relational databases

**Topic A:** Learn how to normalize tables and the conditions that must be met for a table to be in the first, second or third normal form. Use Table Analyzer and identified object dependencies.

**Topic B:** Table relationships (one to one, one to many and many to many) and use junction table

**Topic C:** Referential integrity to avoid orphan records and set the Cascade Delete and Update

### Unit 2: Related tables

**Topic A:** Understanding and creating lookup fields

**Topic B:** Modifying lookup fields and multi-value fields

**Topic C:** Subdatasheets and entering data

### Unit 3: Complex queries

**Topic A:** Create queries with multiple tables, use Query Wizard to join tables (outer, inner and self-join)

**Topic B:** Using calculated field and Expressions

**Topic C:** Summarizing (concatenate) & grouping values

### Unit 4: Advanced form design

**Topic A:** Adding unbound, controls, grouping and ungrouping

**Topic B:** Adding graphics with image control and

**Corporate Headquarters** ■ 1660 S. Highway 100, Suite 425 ■ St. Louis Park, Minnesota 55416 ■ **Phone** 952.831.2960 ■ **Fax** 952.400.8175  
**Contact:** **Annie Horovitz-Niccum** Annie@BravuraTraining.com ■ **Erin Smith** Erin@BravuraTraining.com ■ **LJ Lamprecht** LJ@BravuraTraining.com  
**Training Facilities:** St. Louis Park ■ Hennepin South WFC - Bloomington ■ Woodbury ■ Minneapolis ■ Blaine ■ Remote Classroom  
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unbound object frame control

**Topic C:** Adding calculated values

**Topic D:** Adding combo boxes and properties

**Topic E:** Advanced form types (split, datasheet and subform)

### Unit 5: Reports and printing

**Topic A:** Customized headers and footers, conditional formatting to draw attention to specific data

**Topic B:** Calculated values (DatDiff() & IIF())

**Topic C:** Printing objects and database documents

**Topic D:** Labels

### Unit 6: Charts

**Topic A:** Charts in forms (using X & Y axes)

**Topic B:** Charts in reports

### Unit 7: PivotTables and PivotCharts

**Topic A:** Creating and modifying PivotTables

**Topic B:** Summary functions, filter, row and column

**Topic C:** PivotCharts

**Topic D:** PivotTable forms

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