Table of Contents

Preface

vii

Access 2016 Chapter 1:

Getting	Started	l with	Tables
---------	---------	--------	--------

Introducing Databases	2
Types of Databases	2
Open and Save an Access Database	3
Database Objects and the Access Window	3
Introducing Tables	6
Table Features	6
Field Data Types	7
Primary Key Fields	7
Creating a Table in a New Database	7
Creating Tables in Design View	9
Field Properties	9
Sorting and Filtering Table Data	11
Importing Data Sources	12
Relational Databases	13
Referential Integrity	13
Data Normalization	13
Reinforce Your Skills	15
Apply Your Skills	18
Extend Your Skills	20

Access 2016 Chapter 2: Working with Forms

 Creating Forms	22
Record Sources	22
Creating and Using Basic Forms	23
Creating Forms with the Form Wizard	23
Changing Forms in Layout View	24
Changing Forms in Design View	26
Modify the Form Header Section	26
Tab Order	28
Themes	29
Creating Other Types of Forms	30
Creating Multiple Item Forms	30
Creating Split Forms	31
Reinforce Your Skills	32
Apply Your Skills	35
Extend Your Skills	38

Access 2016 Chapter 3: Querying a Database

Select Queries	40
Query Features	40
Creating a Select Query Using Query Design View	42
Designing a Query Using Multiple Tables	43
Choosing Fields to Include in a Query	43
Selecting a Field That Appears in Multiple Tables	43
Using Criteria in Queries	44
Wildcard Characters	46
AND and OR Criteria	46
Date Criteria	47
Sorting, Showing, and Limiting Results	49
Limiting the Number of Results Displayed	49
Calculated Fields	50
Identifying Parts of a Calculated Field	50
Calculated Field Properties	51
Reinforce Your Skills	53
Apply Your Skills	58
Extend Your Skills	62

Access 2016 Chapter 4:

Using Reports to Display Information

Introducing Reports	64
Basic Reports	64
Report Organization and Structure	65
Sections	65
Grouping and Sorting	66
The Report Wizard	66
Modifying Reports	68
Controls	68
Adding Fields to a Report	68
Header and Footer Objects	72
Formatting Controls	74
Themes	77
Reinforce Your Skills	78
Apply Your Skills	85
Extend Your Skills	89

Microsoft Access 2016: Comprehensive

Access 2016 Chapter 5: Refining Table Design

Creating and Modifying Relationships	92
Relationship Types	92
Adding, Deleting, and Modifying Relationships	92
Editing Relationships	96
Modifying Table Structures	97
Renaming Tables and Editing, Adding, and Deleting	
Table Fields	97
Formatting a Table Datasheet Layout	99
Changing the Width of Columns	99
Moving and Hiding Data Columns	99
Saving a Table Layout	99
Enhancing a Datasheet	100
Setting Field Properties	102
Why Set Field Properties?	102
Set Field Sizes, Captions, and Default Values	102
Custom Text and Memo Field Formats	105
Short Text and Long Text Field Unique Properties	106
Entering Field Properties	106
Formatting Data Using Input Masks	107
Setting Validation Rules	110
Setting Lookup Fields with the Lookup Wizard	112
Examining the Benefits of Lookup Tables	112
Performing a Lookup	113
Creating Lookup Fields for Multiple Values	114
Reinforce Your Skills	116
Apply Your Skills	124
Extend Your Skills	130

Access 2016 Chapter 6:

vi Table of Contents

Customizing Input Forms

Subforms	132
Creating Subforms	132
Modifying Subforms	134
Adding Calculations to Forms	137
Applying Totals to Forms in Datasheet Layout	137
Creating Calculated Controls in Forms	138
Setting Properties to Assist and Control Data Entry	140
Disabling Form Fields	140
Locking Form Fields	140
Adding Control Tips	141
Creating a Pop-Up Form	142
Reinforce Your Skills	144
Apply Your Skills	148
Extend Your Skills	151

Access 2016 Chapter 7: Creating Complex Queries

Crosstab Queries	154
Find Queries	156
Find Unmatched Query	156
Find Duplicates Query	156
Parameter Queries	157
Complex Parameter Queries	158
Action Queries	159
Make Table Queries	159
Append Queries	160
Update Queries	162
Delete Queries	163
Reinforce Your Skills	165
Apply Your Skills	169
Extend Your Skills	172

Access 2016 Chapter 8:

Customizing Reports

Importing a Report into a Database	174
Identifying Report Record Sources	174
Adding a Subreport to a Main Report	175
Adding a Subreport	176
Creating a Report from a Subreport	177
Numbering Items in a Report	179
Setting Properties to Number Items	179
Numbering Subreports Separately	179
Creating Calculated Controls on a Subreport	181
Positioning Calculated Controls	181
Growing a Subreport	182
Setting Page Breaks and Customizing Controls	183
Positioning the Page Break Control	183
Reinforce Your Skills	185
Apply Your Skills	192
Extend Your Skills	199
Glossary	201
Index	205