Table of Contents

Quick Reference Tables Preface	v vi
LESSON 5: DESIGNING A RELATIONAL DATABASE	170
Designing a Relational Database—	
An Overview	172
Principles for Good Database Design	172
Planning a Relational Database	173
Normalizing Data	174
Examining and Editing Database Objects	175
Modifying Table Field Settings	175
Testing Control Settings	181
Creating Lookup Fields	182
Creating a Split Form	185
Working with Relationships	186
Identifying Relationship Types	186
Creating and Modifying Relationships	188
Editing Relationships	192
Reviewing Effects of Relationships on Datasheets	194
Printing Relationships	194 194
Reviewing Relationship Join Properties	194
Setting Join Properties	196 196
Identifying Join Types	190
Defining Left and Right Joins	197
Identifying Object Dependencies	200
Concepts Review	200
Reinforce Your Skills	
	202
Apply Your Skills	205
Critical Thinking & Work-Readiness Skills	209

LESSON 6: CREATING COMPLEX QUERIES

210

Identifying Advanced Query Features—	212
An Overview	212
Querying Tables Containing No	212
Relationships	213
Creating Select Queries	213
Creating a Multi-Table Report Based	215
on a Query	215
Creating and Running Parameter Queries	216
Setting Up a Parameter Query	217
Formatting the Criteria Expression	217
Creating Complex Parameter Prompts	217
Creating a Calculated Field in a Query	219
Identifying Features of a Calculated Field	219
Adding Totals to Datasheets	221
Creating and Running Action Queries	222
Identifying Action Query Types	222
Identifying Queries by Their Icons Enabling Content	222 223
Creating an Append Action Query	223
Creating an Update Query	225
Creating a Delete Query	228
Creating a Make Table Query	228
Protecting and Repairing a Database	230
Reviewing Performance Results	230
Documenting a Database	230
Backing Up a Database	233
Compacting and Repairing a Database	234
Concepts Review	234
Reinforce Your Skills	235
Apply Your Skills	240
Critical Thinking & Work-Readiness Skills	243

LESSON 7: CUSTOMIZING INPUT FORMS

0	Λ	Λ
~	ч.	-

Customizing Form Design	246
Examining Form Design View	246
Identifying Layout View Elements	247
Creating Forms	250
Identifying a Record Source	250
Working with Form Controls	250
Modifying Form Controls	254
Editing Labels	254
Deleting Controls	254
Using Design Font Tools	255
Applying Conditional Formatting	256
Using the Property Sheet	256
Using the Fill Color Palette	257
Arranging Controls	260
Modifying Form Layout	263
Displaying Form Header and Form Footer	263
Formatting Form Section Background	264
Adding Design Elements to Forms	265
Setting Additional Form Properties	267
Setting a Form Tab Order	269
Creating Multiple Items Forms	271
Applying Themes to Forms	271
Printing Forms	273
Printing All Record Forms	273
Printing Selected Record Forms	273
Concepts Review	274
Reinforce Your Skills	275
Apply Your Skills	280
Critical Thinking & Work-Readiness Skills	283
Citical minking O Work-icaunicss Skills	20)

LESSON 8: CREATING 244 CUSTOM REPORTS

Using Report Design View	286
Identifying Report Design View Elements	286
Displaying Report Views	288
Creating a Report in Design View	290
Working with Report Controls	290
Modifying a Report in Design View	294
Adding Report Sorting and Grouping Levels	294
Adding Date and Time Data to a Report	298
Adding Graphics to Reports	299
Applying Themes	299
Formatting Controls	300
Adding a Title to the Report Header	302
Using the Property Sheet	302
Performing Report Calculations	304
Using the Expression Builder	304
Creating Controls to Calculate Totals	307
Creating Labels Using the Label Wizard	309
Setting Up the Labels	309
Adding Fields to the Labels	309
Printing Reports	311
Setting Report Print Layout	311
Controlling Page Breaks	311
Concepts Review	313
Reinforce Your Skills	314
Apply Your Skills	322
Critical Thinking & Work-Readiness Skills	325
Index	326