Contents

Exhibits and Tools   xv
Website Contents   xix
Acknowledgments   xxiii
Introduction   xxv

Chapter 1   Overview of the Design Process   1

Essential Steps in the Training Design Process   2
Where Materials Development Fits into the Design Process   3
A Ten-Part Training Plan to Use as a Blueprint for Materials Development   4
How to Present a Training Plan to Management and Gain Approval   7
Next Steps   7
Chapter 2  Objectives for Writing Projects  9

Instructional Objectives Versus Objectives for Training Program Materials  10

Write Instructional Objectives  10

Four Characteristics of Instructional Objectives  10

Four Elements of Well-Written Objectives for Training Program Materials  14

Sample Objectives for Writing Materials  16

Next Steps  18

Chapter 3  Use the Writing Process  19

Assess Your Writing Skills  20

Use Four Steps to Organize Your Ideas  21

Next Steps  28

Chapter 4  What Are the Best Training Methods?  29

Select the Best Learning Experiences  31

Select the Appropriate Technical Training Methods to Promote Recall and Application  36

Select the Best Audiovisual Support for Materials Design and Delivery  40

Pace Training Methods to Avoid Boredom  42

Determine How Much Practice Is Needed to Learn a Skill  45

Sequence Training Methods Using a Situational Training Model  48

Describe How the Materials Development Process Changes Based on Classroom Versus e-Learning Delivery  51

Next Steps  52

Chapter 5  Develop Materials for Learning Activities  57

Write Three Types of Materials, Depending on the Purpose  59
Use a Seven-Step Process to Design Learning Activities  60
Adapt, Modify, or Create New Learning Experiences  65
Create Discovery Learning by Developing Five Adult Learning Steps to Process Any Learning Activity  68
Distinguish the Use of Different Types of Handout Materials  72
Edit Materials to Address Content and Format Issues  73
Develop Effective and Lean Job Aids  75
Use Different Graphic Looks to Enhance Training Materials  80
Next Steps  87

Chapter 6  Develop Learning Activities to Acquire Knowledge and Skill and to Influence Attitudes  89
Application Sharing  91
The Case Study Method  94
How to Develop a Case Study  106
Discussion or Chat  121
Games and Simulations  124
In-Basket Exercises  132
Interviews  134
Jigsaw Learning, Teaching Learning Teams, Teaching Projects  135
Polling  138
Task Force Projects  138
Writing Tasks  143
Session Starters and Energizers  145
Next Steps  147

Chapter 7  Develop Learning Activities to Acquire Knowledge  149
Lecture  151
Learning Tournaments  155
Self-Study Materials, Printed Resources, and Information Search 157
Course Pre-Work 158
Study Groups 160
Observation, Field Trips, and Video 160
Demonstrations 162
Tests 163
Next Steps 163

Chapter 8 Develop Learning Activities to Acquire Skill 165
Practice and Return Demonstrations 170
Role Play/Skill Practice 173
Next Steps 174

Chapter 9 Develop Learning Activities to Influence Attitudes 177
Empathy Role Play 179
Inquiry-Oriented Discussions 183
Self-Assessments and Inventories 186
Behavior Modeling 191
Next Steps 194

Chapter 10 Develop Assessments and Tests 195
Why Write Tests? 197
Do We Need to Test? Criteria for Testing 197
Skill Performance Tests 198
Knowledge Tests 199
Test Development Steps 199
Test Reliability 206
Test Validity 207
Skill Performance Rating Systems  209
Next Steps  220

Chapter 11  Develop a Lesson Plan or Leader's Guide  221
Contents of Lesson Plans  222
Types of Lesson Plans  222

Chapter 12  Design Effective Visual Support  233
Flip Charts, Whiteboards  237
Design Slides with Power  239
Color Psychology  239
Transition and Build Checklist  240
Video Scripting  241
Converting Classroom Training for e-Learning  246

Bibliography  251
About the Author  253
Index  255