see p. vii (next page) for Michalski Chapter TOC reference

# CONTENTS

Figures, Tables & Exhibits x

Preface xiii

The Authors xxvii

## PART ONE: INTRODUCTION

- 1 The Context of Distance Training: Predicting Change 3 Zane L. Berge
- 2 A Framework for Sustaining Distance Training 13

Zane L. Berge

## PART TWO: MEETING THE CHALLENGE OF UNCOMMON ORGANIZATIONAL CHANGE

3 Distance Training at the U.S. Army Intelligence Center: Surviving Implementation 31

James B. Ellsworth, Luciano J. Iorizzo Jr.

4 Lessons from Merging SBC's Regional Telecom Training Centers 48

Natalie S. Friend, Tere Lyn Hepple

5 The World Is Officially Open for Business: How MCI WorldCom Used the Corporate Intranet to Train a New-Era Communications Company 70

Chris Treanor, Jessica Page Irwin

6 Attracting, Training, and Retaining Instructors for Distance Learning at the U.S. General Accounting Office 85

Jo L. Longnecker

7 Making It Work in a Nontraditional Organization: Distance Training at Réseau INTERACTION Network 106

Daniel L. Larocque, Noël Thomas

8 Distance Learning at the IRS: Supporting Organizational Change 124

Teva J. Scheer

## PART THREE: SETTING COMPETITIVE STANDARDS

9 Strategic Planning for an Online Distance Education Program: Driving Change Through Education at the UAW-DaimlerChrysler National Training Center 147

Joseph R. Codde, Rhonda K. Egidio, Karyn J. Boatwright, Jack E. Zahn, Raymond J. Czarnik

10 Sustaining Distance Education and Training at First Union: Transitioning from the Classroom 164

Sherry H. Latten, J. Michael Davis, Neel Stallings

11 Beyond the Sizzle: Sustaining Distance Training for Ford Motor Company Dealerships 178

Joan Conway Dessinger, Larry Conley

12 Learning to Work in Web Time: Evaluating Time-to-Market Instruction at Nortel Networks 199

Greg V. Michalski

#### Contents

13 Integration of Individual Coaching in a Distance Learning Environment: Experiences at Cap Gemini Ernst & Young 218

John E. May, Jan A. de Jong

14 Hewlett-Packard's Regional Training Center: Site Information & Learning Centers (SILC) 235

Alice Branch, Amy Lyon, Sarah C. Porten

## PART FOUR: ACHIEVING ORGANIZATIONAL GOALS

15 Building Motivation for Distance Learners in Public Health 255

Barbara Polhamus, Anita M. Farel, Tim Stephens

16 Supporting an Enterprise Distance Learning Program at NYNEX 270

**Barry Howard** 

17 The U.S. Postal Service's Integration of Distance Training and Education Initiatives to Meet Organizational Goals 291

Mary Jane (Molly) Wankel

18 TeleEducation NB: Problems with Integrating Technology into a Provincewide Distributed Distance Learning Network 312

**Rory McGreal** 

19 From Training Enhancement to Organizational Learning: The Migration of Distance Learning at the American Red Cross 329

Nadine E. Rogers, Sandra L. Becker

### PART FIVE: SUMMARY

20 Tools for Change: Linking the Organizational Perspective with Distance Training and Education Programs 351

Zane L. Berge

Appendix: Case Study Research Methodology Used for This Book 359

Glossary 369

References 381

Index 391

# FIGURES, TABLES & EXHIBITS

# **Figures**

- 2.1 Linking an Organizational Perspective with a Program Perspective: Using Project and Program Management, Tools for Change, and Strategic Planning 26
- 3.1 The Environment for Lesson Completion—Created with Virtual Reality Markup Language 43
- 3.2 Similarity Between Distributions of Performance-Based Lesson Test Scores and Expert Ratings of the Tested Performance (Report Completion) 44
- 3.3 Participants Gather in the VTOC for a Telementoring Session 45
- 5.1 MWU Training Strategy 75
- 6.1 GAO's 1997 Organizational Goals 86
- 7.1 RIN: A Spherical Virtual Organization 109
- 8.1 Training Design and Development Media Selection Model 138
- 9.1 Strategic Planning Process: Developing the NTC Online Distance Education Program 150
- 11.1 MIP Scale 189
- 11.2 Total Number of Students Trained in Ford Motor Company Dealership Training Programs, 1994–1997 193
- 12.1 Job Roles of Preliminary Survey Respondents 208

- 12.2 Organizational Lines of Business Identified by Respondents 209
- 12.3 Age Categories of Respondents 210
- 12.4 Formal Educational Level of Respondents 210
- 14.1 SILC's Hub-and-Spoke Organizational Structure 240
- 14.2 Weisbord's Six-Box Organizational Model 244
- 17.1 Growth in Use of Alternative Delivery Methods for Maintenance Training at the Postal Service 303
- 17.Appendix A Sample Flowchart of Course Modules 308
- 17. Appendix B Sample of Lessons Within a Module 309
- 17.Appendix C Sample Lesson Screens with Storyboard Frames 310
- 18.1 NB Site Map 314
- 18.2 Graphic Conference Map 316
- 18.3 Typical TeleEducation NB Site Configuration 317
- 18.4 TENB Web Site 319
- 18.5 TeleCampus Web Site 320
- 18.6 TeleEducation in NB Growth, 1993-1999 325

# Tables

- Preface.1 Organizations Meeting the Challenge of Uncommon Organizational Change xvi
  Preface.2 Organizations Setting Competitive Standards Through Sustained Distance Training xx
  Preface.3 Organizations Achieving Their Goals Using Sustained Distance
  - Training xxiv
  - 1.1 Shifts in the Economy 11
  - 1.2 Shifts in Training and Education 11
  - 1.3 Changes in Learner and Instructor Roles 12
  - 4.1 SBC Center for Learning (CFL) Distance Training Technologies Survey: 1997 and 1998 50
  - 4.2 Project Planning Development Considerations 60
  - 6.1 Strategic Organizational Support for Distance Learning at GAO 89
  - 6.2 Comparison of Distance Training Costs Versus Traditional Classroom Training 95
  - 8.1 The Training Capacity Gap 126
  - 8.2 Key IRS Distance Learning Statistics 130
- 11.1 Summary of FORDSTAR Monthly Activity in North America 179
- 12.1 Preliminary Success Criteria 207

- 12.2 Reasons Provided by Users for Visiting the TTM Training Web Site 211
- 12.3 Expectations Provided by Users for Visiting the TTM Training Web Site 212
- 12.4 Learning Media Preferences Indicated by TTM Training Web Site Users 213
- 16.1 Assessing Distance Learning Tools 283
- 17.1 The Kirkpatrick Model of Evaluation 305
- 18.1 TeleEducation NB Distributed Learning Sites Showing Linguistic Support 313
- 19.1 Evolution of Distance Learning at the American Red Cross 336

# Exhibits

- 6.1 Better Briefings Online Instructor-Participant Tracking Sheet 100
- 7.1 Sample Project Management Intranet 112
- 11.1 FORDSTAR Positioning Statement 183
- 11.2 FORDSTAR Management System Activities 184
- 13.1 Example of an Individual-Based Training Program Offered in a Cap Gemini Ernst & Young Training Center 220
- 13.2 Example of Distance Training as Arranged in the Implementation Phase 225
- 13.3 Example of Distance Training as Arranged in the Restructuring Phase 231
- 19.1 Sample Program Bulletin 339
- 20.1 Considerations When Linking the Instructional Program Perspective with the Organizational Perspective Regarding Distance Training and Education 356