<table>
<thead>
<tr>
<th>CONTENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Foreword</strong></td>
</tr>
<tr>
<td><strong>Acknowledgments</strong></td>
</tr>
</tbody>
</table>

**CHAPTER 1: WHAT IS SCENARIO-BASED e-LEARNING**

- Scenario-Based e-Learning: A First Look 2
- What Do You think? 4
- Scenario-Based e-Learning Defined 5
- Scenario-Based vs. Directive Training Environments 7
- What Scenario-Based e-Learning Is Not 10
- Six Reasons to Consider Scenario-Based e-Learning Now 12
- What Do You Think? Revisited 14
- Coming Next 15
- Additional Resources 15
- Scenario-Based e-Learning and You: Why Now? 16

**CHAPTER 2: WHEN TO USE SCENARIO-BASED e-LEARNING**

- Consider Scenario-Based e-Learning for Strategic Tasks 18
- What Do You Think? 18
- Situations That Call for Scenario-Based e-Learning 19
- Eight Scenario-Based Learning Domains 22
- Scenario-Based Multimedia Interfaces 26
- Meet the Scenario-Based e-Learning Samples 31
- Coming Next 31
- Additional Resources 31
- Scenario-Based e-Learning and You: Your Scenario-Based e-Learning Opportunities 32

**CHAPTER 3: DESIGN OF SCENARIO-BASED e-LEARNING**

- Overview of a Scenario-Based e-Learning Design Model 35
- Modes and Media in Scenario-Based e-Learning 42
Back to the Basics: Test Reliability and Validity 126
Test Items for Scenario-Based e-Learning 126
Did I Pass the Test? 128
Testing with Online Scenarios 131
What Do You Think? Revisited 132
Coming Next 133
Additional Resources 133
Scenario-Based e-Learning and You: Planning Your Evaluation 134

CHAPTER 10: DOES SCENARIO-BASED e-LEARNING WORK? 137
Does It Work? 137
Is It Efficient? 138
Does It Motivate? 138
What Features Make a Difference? 138
What Do You Think? 139
Limits of Research 139
Discovery Learning Does Not Work 140
Guided Discovery Can Have Learning Advantages over “Traditional” Instruction 141
Learner Scaffolding Is Essential for Success 143
Guided Discovery Can Be More Motivating Than “Traditional” Instruction 149
Feedback and Reflection Promote Learning 149
Visual Representations Should Be Congruent with Your Learning Goals 150
Can Scenario-Based e-Learning Accelerate Expertise? 151
Research on Scenario-Based e-Learning—The Bottom Line 153
What Do You Think? Revisited 154
Coming Next 155
Additional Resources 155
Scenario-Based e-Learning and You: Evidence-Based Decisions 156

CHAPTER 11: ELICITING CRITICAL THINKING SKILLS FOR SCENARIO-BASED e-LEARNING 157
What Is Knowledge Elicitation? 158
What Do You Think? 158