

# **Making the Transition to E-Learning: Strategies and Issues**

Mark Bullen  
British Columbia Institute of Technology, Canada

Diane P. Janes  
University of Saskatchewan, Canada



**Information Science Publishing**

Hershey • London • Melbourne • Singapore

# **Making the Transition to E-Learning: Strategies and Issues**

## **Table of Contents**

**Preface ..... vii**

### **Section I: Institutional and Conceptual Issues**

#### **Chapter I**

**E-Learning as Nation Building ..... 1**

*Marco Adria, University of Alberta, Canada*

*Katy Campbell, University of Alberta, Canada*

#### **Chapter II**

**Organizational Models for Faculty Support: The Response of  
Canadian Universities ..... 17**

*Margaret Haughey, University of Alberta, Canada*

#### **Chapter III**

**Moving to Blended Delivery in a Polytechnic: Shifting the Mindset  
of Faculty and Institutions ..... 33**

*Oriel Kelly, Manukau Institute of Technology, New Zealand*

#### **Chapter IV**

**Strategic Planning for E-Learning in a Polytechnic ..... 47**

*Tony Bates, Tony Bates Associates, Ltd., Canada*

<b>Chapter V</b>	
<b>Using E-Learning to Promote Excellence in Polytechnic Education .....</b>	<b>66</b>
<i>Maggie Beers, British Columbia Institute of Technology, Canada</i>	

<b>Chapter VI</b>	
<b>Teaching and Learning in a Laptop Nursing Program: Institutional and Pedagogical Issues .....</b>	<b>84</b>
<i>Ellen Vogel, University of Ontario, Canada</i>	
<i>Bill Muirhead, University of Ontario, Canada</i>	

**Section II: Learning and Teaching Issues**

<b>Chapter VII</b>	
<b>E-Learning in Higher Education: The Need for a New Pedagogy .....</b>	<b>104</b>
<i>Dirk Morrison, University of Saskatchewan, Canada</i>	

<b>Chapter VIII</b>	
<b>New Skills and Ways of Working: Faculty Development for E-Learning .....</b>	<b>121</b>
<i>Gail Wilson, University of Western Sydney, Australia</i>	

<b>Chapter IX</b>	
<b>Using E-Learning to Transform Large Class Teaching .....</b>	<b>139</b>
<i>Cathy Gunn, University of Auckland, New Zealand</i>	
<i>Mandy Harper, University of Auckland, New Zealand</i>	

<b>Chapter X</b>	
<b>The Continuing Struggle for Community and Content in Blended Technology Courses in Higher Education .....</b>	<b>157</b>
<i>Richard A. Schwier, University of Saskatchewan, Canada</i>	
<i>Mary E. Dykes, University of Saskatchewan, Canada</i>	

<b>Chapter XI</b>	
<b>Toward Effective Instruction in E-Learning Environments .....</b>	<b>173</b>
<i>Martha A. Gabriel, University of Prince Edward Island, Canada</i>	

<b>Chapter XII</b>	
<b>The Plain Hard Work of Teaching Online: Strategies for Instructors .....</b>	<b>191</b>
<i>Dianne Conrad, Athabasca University, Canada</i>	

**Chapter XIII**  
**Empowering Learners to Interact Effectively in Asynchronous Discussion Activities ..... 208**  
*Helen Wozniak, University of Sydney, Australia*

**Chapter XIV**  
**A Framework for Choosing Communication Activities in E-Learning ..... 229**  
*Tannis Morgan, University of British Columbia, Canada*  
*Karen Belfer, British Columbia Institute of Technology, Canada*

**Chapter XV**  
**Using Problem-Based Learning in Online Courses: A New Hope? ..... 243**  
*Richard F. Kenny, Athabasca University, Canada*

**Section III: Instructional Design and Technology Issues**

**Chapter XVI**  
**Fast Prototyping as a Communication Catalyst for E-Learning Design ..... 266**  
*Luca Botturi, University of Lugano, Switzerland*  
*Lorenzo Cantoni, University of Lugano, Switzerland*  
*Benedetto Lepori, University of Lugano, Switzerland*  
*Stefano Tardini, University of Lugano, Switzerland*

**Chapter XVII**  
**Educational Design as a Key Issue in Planning for Quality Improvement ..... 284**  
*Albert Sangrà, Open University of Catalonia, Spain*  
*Lourdes Guàrdia, Open University of Catalonia, Spain*  
*Mercedes González-Sanmamed, University of Coruña, Spain*

**Chapter XVIII**  
**Cognitive Tools for Self-Regulated E-Learning ..... 300**  
*Tracey L. Leacock, Simon Fraser University, Canada*  
*John C. Nesbit, Simon Fraser University, Canada*

**Chapter XIX**  
**Adopting Tools for Online Synchronous Communication: Issues and Strategies ..... 318**  
*Elizabeth Murphy, Memorial University of Newfoundland, Canada*  
*Thérèse Laferrière, Laval University, Canada*

**Chapter XX**  
**Knowledge is PowerPoint: Slideware in E-Learning ..... 335**  
*Adnan Qayyum, Concordia University, Canada*  
*Brad Eastman, University of British Columbia, Canada*

**About the Authors ..... 350**

**Index ..... 361**