Preface............................................................................................................................................. vii

Section I: Business, Computer Science, and Information Technology Education

Chapter I
Using “Blended Learning” to Develop Tertiary Students’ Skills of Critique ................................................................. 1
Paul Lajbcyier, Monash University, Australia
Christine Spratt, Monash University, Australia

Chapter II
The Effects of Human Factors on the Use of Web-Based Instruction....... 19
Sherry Y. Chen, Brunel University, Middlesex, UK

Chapter III
Who’s Talking Online II: Revisiting Gender and Online Communications ................................................................. 36
Taralynn Hartsell, University of Southern Mississippi, USA
Chapter IV
Using a Blended Model to Improve Delivery of Teacher Education Curriculum in Global Settings.......................................................... 51
Vivian H. Wright, University of Alabama, USA
Ronnie Stanford, University of Alabama, USA
Jon Beedle, University of Southern Mississippi, USA

Chapter V
The Genesis, Political, and Economic Sides of the Internet.................. 62
Andrew Targowski, Western Michigan University, USA

Chapter VI
Writing-Across-the-IT/MIS Curriculum........................................... 83
Stephanie J. Etter, Mount Aloysius College, USA
Jeffrey W. Merhout, Miami University, USA

Chapter VII
Learning IT: Where do Lectures Fit? ............................................. 99
Tanya McGill, Murdoch University, Australia
Samantha Bax, Murdoch University, Australia

Chapter VIII
Training Sequences and their Effects on Task Performance and User Outcomes.................................................................................. 112
Clive Sanford, Aalborg University, Denmark
Anol Bhattacherjee, University of South Florida, USA

Section II: Distance Learning Technology Education

Chapter IX
Group Process and Trust in Group Discussion................................ 135
Lorna Uden, Staffordshire University, UK
Linda Wojnar, Duquesne University, USA

Chapter X
Task-Orientation Online Discussion: A Practical Model for Student Learning....................................................................................... 154
Byron Havard, University of West Florida, USA
Jianxia Du, Mississippi State University, USA
Anthony Olinzock, Mississippi State University, USA
Chapter XI
Addressing the Cultural Dimensions of E-Learning: Where to Begin? .......................................................................................................................... 167
Andrea L. Edmundson, eWorld Learning, USA

Chapter XII
Project-Based Online Group Collaborative Learning Characteristics... 188
Jianxia Du, Mississippi State University, USA
Byron Havard, University of West Florida, USA
James Adams, Mississippi State University, USA
Gang Ding, East China Normal University, Republic of China
Wei-Chieh Yu, Mississippi State University, USA

Section III: Communications Technology Education

Chapter XIII
Information Technology Certification: A Student Perspective .............. 203
Tanya McGill, Murdoch University, Australia
Michael Dixon, Murdoch University, Australia

Chapter XIV
Management of Telecommunications Services: A Vital New Content Area and a Course Model for the College of Business......................... 216
Faye P. Teer, James Madison University, USA
Young B. Choi, James Madison University, USA
Harold B. Teer, James Madison University, USA

Section IV: Teaching and Learning with Technology

Chapter XV
Mind the Gap!: New ‘Literacies’ Create New Divides ......................... 234
Andrew D. Madden, University of Sheffield, UK
J. Miguel Baptista Nunes, University of Sheffield, UK
M.A. McPherson, University of Leeds, UK
Nigel Ford, University of Sheffield, UK
Dave Miller, University of Sheffield, UK

Chapter XVI
An Interactive Tool for Teaching and Learning LAN Design............. 253
Nurul I. Sarkar, Auckland University of Technology, New Zealand
Chapter XVII
Diffusion of Educational Technology and Education Reform:
Examining Perceptual Barriers to Technology Integration............... 272
LeAnne K. Robinson, Western Washington University, USA

Chapter XVIII
Perspectives on 21st Century E-Learning in Higher Education........... 289
Lalita Rajasingham, Victoria University of Wellington, New Zealand

Chapter XIX
Guiding Our Way: Needs and Motivations of Teachers in Online
Learning Modeling Responsive Course Design........................................ 307
Kathleen P. King, Fordham University, USA
Frank J. Melia, Fordham University, USA
Marlene D. Dunham, Howard Everson & Associates, USA

Chapter XX
Quality of Online Learning Applications: Impact on Student
Enjoyment, Motivation, and Anxiety .................................................... 327
Leping Liu, University of Nevada, Reno, USA

About the Authors..................................................................................... 347

Index........................................................................................................... 357