

# M I S

**2012**  

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**2013**

Management Information Systems

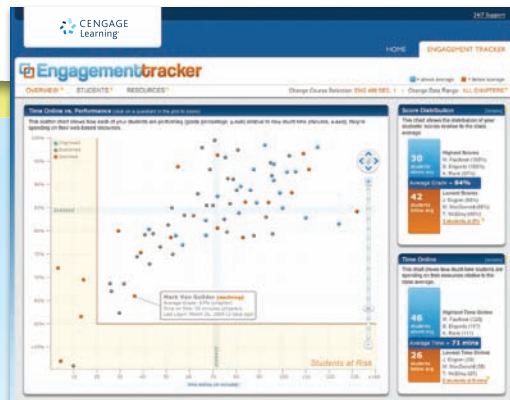


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### MIS Titles Available with CourseMate:

- Bidgoli, *MIS<sup>3</sup>* (see p.2)
- Coronel, *Database Principles: Fundamentals of Design, Implementation and Management, International Edition, 10e* (see p.12)
- Shelly, *Analysis and Design for Systems, International Edition, 9e* (see p.18)
- Satzinger, *Introduction to Systems Analysis and Design, International Edition, 6e* (see p.19)

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## Introduction to IS/MIS/IT

*MIS<sup>2</sup>, Third Edition* • Bidgoli \*NEW EDITION

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*Information Systems, International Edition, Tenth Edition* • Stair, Reynolds

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*Information Technology for Managers, International Edition* • Reynolds

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*Information Technology in Theory* • Aksoy, DeNardis

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*Management Information Systems, International Edition, Sixth Edition* • Oz

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# MIS<sup>3</sup>

THIRD EDITION

*Hossein Bidgoli*

ISBN-13: 978-1-1336-2730-2

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384 pages



## FEATURES AND BENEFITS

- An innovative combination of content delivery both in print and online provides a core text and a wealth of comprehensive multimedia teaching and learning assets based on input from student focus groups and surveys, and from interviews with nearly 200 faculty and students.
- Shorter, comprehensive chapters in a modern design present content in a more engaging and accessible format without minimizing coverage for your course.
- Chapter-In-Review Cards at the back of the Student Edition provide students with a portable study tool containing all of the pertinent information for class preparation.
- A full suite of unique learning tools that appeal to different learning styles is available to students with the purchase of a new book. Quizzes, videos, learning games and more are only a click away.
- All of the content and resources you expect with a supplements package that is second to none includes an Instructor's Manual, ExamView®, PowerPoint® Presentations, and solutions.
- New topics highlight Public, Private, and Hybrid Clouds (Ch. 14) Business Analytics (Ch. 3), and Project Management (Ch. 10) to prepare students for MIS success.

## ABOUT THE AUTHOR

**Hossein Bidgoli**, Ph.D., is professor of Management Information Systems at California State University. He is the author of 44 textbooks, 27 manuals and more than five dozen technical articles and papers on various aspects of computer applications, information systems and network security, e-commerce and decision support systems published and presented throughout the world. Dr. Bidgoli also serves as the editor-in-chief of The Handbook of Technology Management, The Internet Encyclopedia, The Handbook of Information Security, The Handbook of Computer Networks, and the Encyclopedia of Information Systems.

- New, expanded applications provide additional student practice with 15 brand-new Problems, Activities, and Discussion Questions at the end of each chapter as well as a second Case Study.

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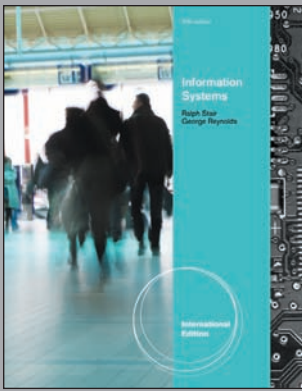
1. Information Systems: An Overview.
2. Computers: The Machines Behind Computing.
3. Database Systems, Data Warehouses, and Data Marts.
4. Personal, Legal, Ethical, and Organizational Issues of Information Systems.
5. Protecting Information Resources.

### PART 2: DATA COMMUNICATION, THE INTERNET, E-COMMERCE, AND GLOBAL INFORMATION SYSTEMS.

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9. Global Information Systems.

### PART 3: IS DEVELOPMENT, ENTERPRISE SYSTEMS, MSS, AND EMERGING TRENDS.

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14. Emerging Trends, Technologies, and Applications.



# INFORMATION SYSTEMS, INTERNATIONAL EDITION

## TENTH EDITION

*Ralph Stair, George Reynolds*

ISBN-13: 978-1-1115-3293-2

©2012

704 pages

### FEATURES AND BENEFITS

- New chapter-opening vignettes throughout this edition highlight the most up-to-date, relevant topics in information systems, drawing your students into chapter concepts and issues.
- New end-of-chapter cases follow a real company or actual organization confronting a problem or concept discussed in the chapter. You can assign cases and practical end-of-chapter activities for homework or use them to prompt meaningful class discussion.
- New detailed coverage of multimedia in business, application development for the iPhone and iPad, and cloud computing prepares students to work with the newest delivery model in information systems today.
- "Information Systems @ Work" boxes focus on some of the most current topics and trends in IS. These feature boxes demonstrate how to effectively use information systems in a variety of business careers.
- New examples highlight supply chain management and customer relationship management at work.
- Updated coverage of organizational structures and virtual teams examine how social networking sites, such as Facebook and Twitter, assist virtual teams. Explore how many companies use virtual organizational structures to manage mobile workers.

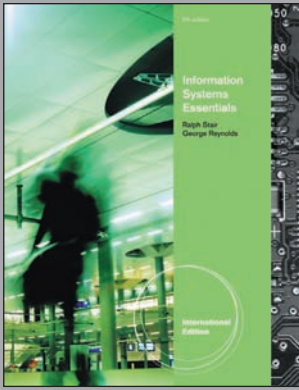
### ABOUT THE AUTHORS

**Ralph Stair** received a B.S. in Chemical Engineering from Purdue University, an MBA from Tulane University, and a Ph.D. from the University of Oregon. He has taught information systems at many universities. He has published numerous articles and books while at Florida State University.

**George Reynolds** *Please see page 4.*

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- Part I: An Overview.
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- Part II: Information Technology Concepts.
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  5. Organizing Data and Information.
  6. Telecommunications and Networks.
  7. The Internet, Intranets, and Extranets.
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  9. Enterprise Systems.
  10. Information and Decision Support Systems.
  11. Knowledge Management and Specialized Information Systems.
- Part IV: Systems Development.
12. Systems Development: Investigation and Analysis.
  13. Systems Design, Implementation, Maintenance, and Review.
- Part V: Information Systems In Business And Society.
14. The Personal and Social Impact of Computers.



# INFORMATION SYSTEMS ESSENTIALS, INTERNATIONAL EDITION SIXTH EDITION

*Ralph Stair, George Reynolds*

ISBN-13: 978-1-1118-2036-7

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512 pages

## FEATURES AND BENEFITS

- New chapter-opening vignettes throughout this edition highlight the most up-to-date, relevant topics in information systems, drawing your students into chapter concepts and issues.
- New end-of-chapter cases follow a real company or actual organization confronting a problem or concept discussed in the chapter. You can assign cases and practical end-of-chapter activities for homework or use them to prompt meaningful class discussion.
- New detailed coverage of multimedia in business, application development for the iPhone and iPad, and cloud computing prepares students to work with the newest delivery model in information systems today.
- "Information Systems @ Work" boxes focus on some of the most current topics and trends in IS. These feature boxes demonstrate how to effectively use information systems in a variety of business careers.
- New examples highlight supply chain management and customer relationship management at work.
- Updated coverage of organizational structures and virtual teams examine how social networking sites, such as Facebook and Twitter, assist virtual teams. Explore how many companies use virtual organizational structures to manage mobile workers.

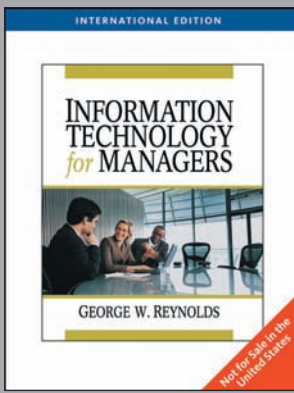
## ABOUT THE AUTHORS

**Ralph Stair** *Please see page 3.*

**George Reynolds** brings a wealth of computer and industrial experience to the project, with more than thirty years of experience working in government, institutional, and commercial IS organizations. He has also authored nineteen texts and has taught the introductory IS course at the University of Cincinnati, Miami University, and College of Mount St. Joseph.

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- Part I: Information Systems In Perspective.
1. An Introduction To Information Systems In Organizations.
- Part II: Technology.
2. Hardware And Software.
  3. Database Systems And Business Intelligence.
  4. Telecommunications, The Internet, Intranets, And Extranets.
- Part III: Business Information Systems.
5. Electronic And Mobile Commerce And Enterprise Systems.
  6. Information And Decision Support Systems.
  7. Knowledge Management And Specialized Information Systems.
- Part IV: Systems Development And Social Issues.
8. Systems Development.
- Part V: Information Systems In Business And Society.
9. The Personal and Social Impact of Computers.



# INFORMATION TECHNOLOGY FOR MANAGERS, INTERNATIONAL EDITION

*George Reynolds*

ISBN-13: 978-0-538-74566-6

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500 pages

## FEATURES AND BENEFITS

- **COMPREHENSIVE TABLE OF CONTENTS:** Comprehensive table of contents gives readers easy reference to particular sections of the book.
- **REAL-WORLD BUSINESS EXAMPLES:** Addresses timely topics in the opening business vignettes by examining real world businesses and how management oversees information technology in various capacities.
- **END OF CHAPTER FEATURES:** End of Chapter features promote lively classroom discussions and assignments.
- **INSTRUCTOR RESOURCES:** Valuable Instructor's Resources include End of Chapter solutions, a detailed Instructor's Manual, PowerPoint presentations, and Test Banks.

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1. Managers: Key to Information Technology Results.
2. Strategic Planning.
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4. Business Process and IT Outsourcing.
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6. Collaboration Tools and Wireless Networks.
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8. Enterprise Resource Planning.
9. Business Intelligence.
10. Knowledge Management.
11. Enterprise Architecture.
12. Ethical, Privacy, and Security Issues.

## ABOUT THE AUTHOR

**George Reynolds** brings a wealth of computer and industrial experience to the project, with more than thirty years of experience working in government, institutional, and commercial IS organizations. He has also authored nineteen texts and has taught the introductory IS course at the University of Cincinnati, Miami University, and College of Mount St. Joseph.



# INFORMATION TECHNOLOGY IN THEORY

*Pelin Aksoy, Laura DeNardis*

ISBN-13: 978-1-4239-0140-2

©2008

412 pages

## FEATURES AND BENEFITS

- Grounded in the newest technologies, such as VoIP, streaming video, peer-to-peer file sharing, wikis, and broadband wireless Internet access, so readers can feel confident they are getting the most up-to-date information available.
- Coverage of current social issues includes identity theft, music sharing, and net neutrality, providing knowledge and examples that are relevant and meaningful.
- End-of-chapter exercises allow readers to test their comprehension of one topic before moving on to more advanced topics.

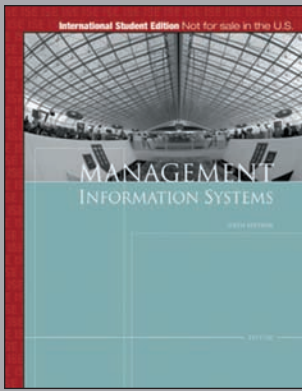
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- Part Five: Introduction to Computer Networking
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  12. Wide Networks
  13. Communication Protocols
  14. Internet Architecture
  15. Network Security
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  16. The Telephone System
  17. Voice over IP
  18. Wireless Multimedia

## ABOUT THE AUTHORS

**Dr. Pelin Aksoy** completed her B.S. and M.S. degrees in Electronics Engineering at Ankara University, Turkey, and her Ph.D. degree at George Mason University in Fairfax, Virginia. She is currently an Assistant Professor in the Department of Applied Information Technology at George Mason University and is involved in teaching information technology and electrical engineering courses.

**Dr. Laura DeNardis** holds a B.A. in Engineering Sciences from Dartmouth College, a Master of Engineering from Cornell University, and a Ph.D. in Science in Technology Studies from Virginia Tech. She is currently a Resident Fellow in the Information Society Project at Yale Law School.



# MANAGEMENT INFORMATION SYSTEMS, INTERNATIONAL EDITION SIXTH EDITION

*Effy Oz*

ISBN-13: 978-1-4239-0189-1

©2009

650 pages

## FEATURES AND BENEFITS

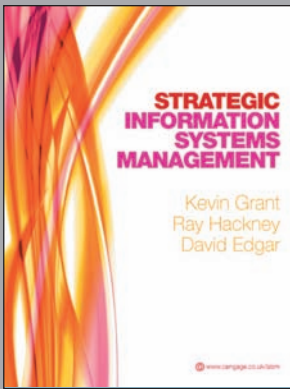
- Detailed illustrations clarify the book's more complex concepts
- Ethical and Societal Issues are featured in each chapter so readers not only gain professional skills, but also the responsible and ethical methods of using those skills
- A wealth of current real-world examples reflect a wide variety of businesses
- New and updated end-of-chapter Real Cases include critical thinking questions to help students apply what they have learned
- Review and discussion questions close each chapter, reinforcing key information
- Emphasis on networked businesses and strategic uses of information technologies prepare students for professional careers
- Valuable Instructor's Manual was developed by the author so that it correlates directly with the book, allowing instructors to spend less time preparing teaching notes

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- Part One: The Information Age
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  6. Business Networks and Telecommunications
  7. Database Management Systems
- Part Three: Online Business
  8. The Web-enabled Enterprise
  9. Challenges in Global Information Systems
- Part Four: Decision Support and Business Intelligence
  10. Decision Support and Expert Systems
  11. Business Intelligence and Knowledge Management
- Part Five: Planning, Acquisition, and Controls
  12. System Planning and Development
  13. Choices in Systems Acquisition
  14. Risks, Security, and Disaster Recovery

## ABOUT THE AUTHOR

**Effy Oz** is a professor of Management Science and Information Systems at Pennsylvania State, Great Valley. Professor Oz has published best-selling textbooks and articles in the areas of management information systems, e-commerce, and ethics. His current teaching and research interests include Strategic Information Systems, IT Productivity, and Electronic Monitoring. Professor Oz received his MBA from the Hebrew University and his DBA from Boston University.



# STRATEGIC INFORMATION SYSTEMS MANAGEMENT

*Kevin Grant, Ray Hackney, David Edgar*

ISBN-13: 978-1-4080-0793-8

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## FEATURES AND BENEFITS

- An accessible synthesis of contributions from leading figures in the field mapped to the latest course curriculum requirements
- Readers are guided by consistent learning features built around clear chapter learning objectives to provide a complete learning experience
- Contemporary cases show students how issues are approached in the real world.
- Includes coverage of the latest technologies and hot topics including disruptive technologies, e-government, global outsourcing, knowledge management and much more!
- A companion website boosts learning with supportive materials for both students and lecturers

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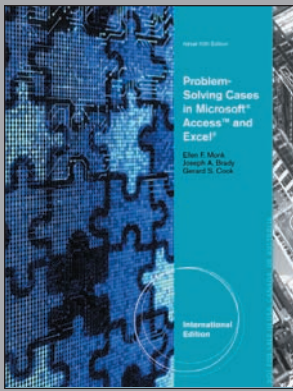
1. Business Strategy for the Digital World
2. Business Exploitation of Information and Communication Technology Systems
3. Information Systems Development Approaches
4. Disruptive Technologies and Applications
5. Business IT/IS Alignment
6. Strategic IS/IM in Context
7. Global Issues in Information Management
8. Strategic Knowledge Management
9. Organizational Change, Culture and Strategic IS/IT Led Change
10. IS/IT Benefits Management and Realization
11. Strategic IT/IS Leadership and IT Governance
12. IT/IS Professionalism, Ethics and Security

## ABOUT THE AUTHORS

**Kevin Grant** is a Senior Lecturer at Glasgow Caledonian University. His wide range of specialist expertise includes: Systems; Information and Information Systems; Strategic Information Systems Planning; E-Business Applications and Technologies; IT/IS Evaluation and Research, Teaching, Scholarship and Consultancy in Higher Education.

**Ray Hackney** is Chair in Business Systems and Director of the Doctoral Programme within Brunel University Business School. His research interests are the Strategic Management of Information Systems within a variety of organisational contexts, with an increasing speciality in government sectors.

**David Edgar** is Professor of Strategy and Business Transformation and member of the Division of Strategy, Innovation and Enterprise at Caledonian Business School, Glasgow Caledonian University. His main areas of research and teaching are Business Uncertainty, E-Business Strategy and Knowledge Management.



# PROBLEM-SOLVING CASES IN MICROSOFT ACCESS AND EXCEL, INTERNATIONAL EDITION, TENTH EDITION

*Ellen F. Monk, Gerard S. Cook, Joseph A. Brady*

ISBN-13: 978-1-1336-2980-1

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## FEATURES AND BENEFITS

- **Updated Tutorials:** These updated tutorials walk students through Microsoft® Access® and Excel® 2010, imparting spreadsheet and database skills while preparing them for real-life, on-the-job application.
- **All-New Cases and Problems:** Students gain valuable insight about today's marketplace from working twelve new cases and solving realistic problems with Microsoft® Access® and Excel®.
- **Realistic Business Scenarios:** Students examine twelve brand new cases, each introducing a commonly occurring business issue, and learn how to use Excel® and Access® to analyze and help solve problems.
- **Skill-building Instruction:** Hands-on tutorials demonstrate the ins and outs of Microsoft® Access® and Excel® 2010, and prepare students for the real workplace by testing their spreadsheet and database skills.
- **Data Analysis Techniques:** A sixth tutorial covers Excel® Data Analysis Techniques, a more complex use of the Excel® spreadsheet that will deepen student understanding of the software.
- **Integration Cases:** Two cases in the text require students to apply both Access® and Excel® simultaneously.

## ABOUT THE AUTHORS

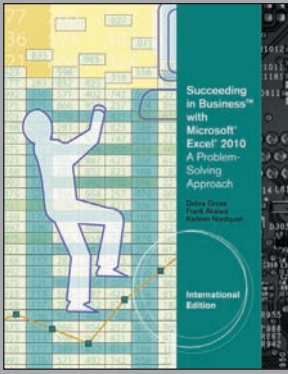
**Ellen F. Monk** has been teaching Information Systems at the Lerner College of Business and Economics at the University of Delaware since 1989. Prior to her teaching career, Ellen worked as a chemical engineer for Engelhard Industries and W. R. Grace & Co's Davison Chemical Division. Ms. Monk has a B.S. degree in Chemical Engineering and an MBA.

**Gerald Cook** has been the instructor for the Operations Management Technology program at Delaware Technical of Community College since its inception in 2007.

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- PART VII: PRESENTATION SKILLS.**  
 Tutorial F. Giving an Oral Presentation.

**Joseph A. Brady** taught M.I.S. courses at the University of Delaware from 1990 to 2009. Prior to his teaching career, he worked as a financial analyst for E.I. Dupont de Nemours.



# SUCCEEDING IN BUSINESS WITH MICROSOFT OFFICE EXCEL 2010: A PROBLEM SOLVING APPROACH, INTERNATIONAL EDITION

*Debra Gross, Frank Akaiwa, Karleen Nordquist*

ISBN-13: 978-0-538-47323-1

©2011 720 pages

## FEATURES AND BENEFITS

- Challenges students to find effective solutions to business situations through problem-solving, critical thinking, and analysis.
- Introduces students gradually to more advanced and broader skills through three levels of complexity in each chapter, beginning with an introductory conceptual chapter on databases.
- Offers case problems (such as accounting, finance, marketing, and operations management) and Steps to Success activities that provide additional practice in a real-world context.
- Provides Feature boxes, quick references to the steps needed to complete tasks, and tips to help students become more efficient users of Excel.

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8. Using Data Tables and Excel Scenarios for What-If Analysis
9. Enhancing Decision Making with Solver
10. Troubleshooting Workbooks and Creating Excel Applications



# SUCCEEDING IN BUSINESS WITH MICROSOFT OFFICE ACCESS 2010: A PROBLEM SOLVING APPROACH, INTERNATIONAL EDITION

*Sandra Cable*

ISBN-13: 978-0-538-47002-5

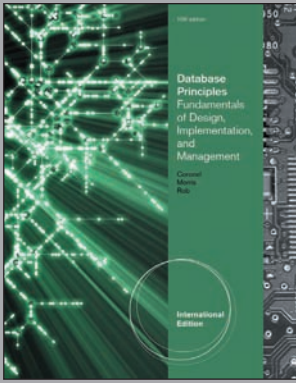
©2011 608 pages

## FEATURES AND BENEFITS

- Challenges students to find effective solutions to business situations through problem-solving, critical thinking, and analysis.
- Introduces students gradually to more advanced and broader skills through three levels of complexity in each chapter, beginning with an introductory conceptual chapter on databases.
- Offers case problems (such as accounting, finance, marketing, and operations management) and Steps to Success activities that provide additional practice in a real-world context.
- Provides Feature boxes, quick references to the steps needed to complete tasks, and tips to help students become more efficient users of Access.

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2. Building the Database
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# DATABASE

## PRINCIPLES: FUNDAMENTALS OF DESIGN, IMPLEMENTATION AND MANAGEMENT, INTERNATIONAL EDITION, TENTH EDITION

*Carlos Coronel, Steven Morris, Peter Rob*

ISBN-13: 978-1-1333-1197-3

©2013

736 pages



### FEATURES AND BENEFITS

- Full-color, detailed illustrations, tables, and diagrams enhance comprehension and facilitate understanding of more complex concepts.
- Multiple databases in various formats are used to provide readers with experience in implementation using MS Access, MS SQL Server, and Oracle databases.
- Business vignettes offer insight on the most current issues and challenges facing database implementation today.
- Figures, diagrams, and illustrations have been updated in order to provide students with improved visual aids.
- New review questions, problem sets, and cases have been added throughout the book so that students have multiple opportunities to test their understanding.
- Content has been expanded to include topics such as Open Source databases, embedded/mobile databases, data replication, data analytics, explanatory models, predictive models, the role of redundant relationships, and examples of web-database connectivity and code security, and green computing/sustainability for modern data centers.

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  9. Normalizing Database Designs.
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  11. Interacting with Databases through the Web.
- PART VI: DATABASE MANAGEMENT.
  12. Database Administration and Security.
  13. Managing Transactions and Concurrency.
  14. Managing Database and SQL Performance.
  15. Databases for Decision Support.
- ONLINE APPENDICES.

### ABOUT THE AUTHORS

**Carlos Coronel** is currently the Lab Director for the College of Business Computer Labs at Middle Tennessee State University. He has 26 years of experience in various fields as a Database Administrator, Network Administrator, Web Manager, and Technology Specialist, and teaches courses in Web development, database design and development, and data communications at undergraduate and graduate levels.

**Peter Rob** has 32 years experience teaching file systems, database systems design, database design, database applications development, and more. Peter's real-world experience includes two years as a Director of Operations at an aviation chart company, 20 years as a consultant for hands-on operations systems analysis/development and database systems design, and 15 years experience as a statistical quality control systems analysis and systems/applications developer.

**Steven Morris** completed his Bachelor of Science and PhD from Auburn University. He has taught Database Design and Development, Database Programming with Advanced SQL and PL/SQL, Systems Analysis and Design, and Principles of MIS at Middle Tennessee State University.



# DATABASE MANAGEMENT CONCEPTS, INTERNATIONAL EDITION SEVENTH EDITION

*Joseph J. Adamski, Philip J. Pratt*

ISBN-13: 978-1-1331-9131-5

©2012

400 pages



## FEATURES AND BENEFITS

- Comprehensively discusses database design that includes normalization, an easily applied database design method, E-R diagrams, numerous database design examples, requirements gathering and analysis, and trade-off discussions.
- Extensively covers SQL with numerous examples illustrating the various concepts. Advanced topics such as concurrency issues, distributed databases, data warehouses, stored procedures, triggers, XML, and database processing over the Web are included.
- A case problem in each chapter challenges students and reinforces concepts.
- Appendices describe the purpose and syntax of the major SQL commands used in the book.
- Updated to cover Access 2010.

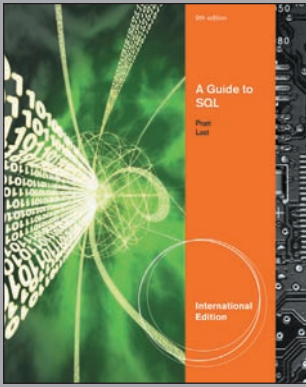
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  - C. "How Do I" Reference
  - D. Answers to Odd-Numbered Review Questions
  - E. Using Access to Create and Publish a Web Database
  - F. Determining Information-Level Requirements

## ABOUT THE AUTHORS

**Joseph J. Adamski** earned a master's degree in computer science at Rensselaer Polytechnic Institute and spent 12 years as a computer professional at aerospace and financial services companies. His academic and research interests have concentrated on database and systems engineering. He recently published his 30th textbook. Currently, he is an Associate Professor Emeritus at Grand Valley State University, where he has taught since 1979.

**Phillip J. Pratt** is Professor Emeritus of Mathematics and Computer Science at Grand Valley State University, where he taught for 33 years. His teaching interests include database management, systems analysis, complex analysis, and discrete mathematics. He has authored over 60 textbooks, including coauthoring three levels of Microsoft Office Access 2007 books for the Shelly Cashman Series.



# A GUIDE TO SQL

## INTERNATIONAL EDITION

### EIGHTH EDITION

*Philip J. Pratt, Mary Z. Last*

ISBN-13: 978-0-538-74767-7

©2009

360 pages



### FEATURES AND BENEFITS

- Provides hands-on projects at the end of each chapter, including review questions, running cases, and extensive exercises, to solve problems and apply skills from each chapter.
- The text focuses on presenting the basics regardless of the database environment and is based on Oracle 11g, Access 2007, and MySQL to keep your class current.
- New! The new edition teaches the basics of SQL programming using three running cases.

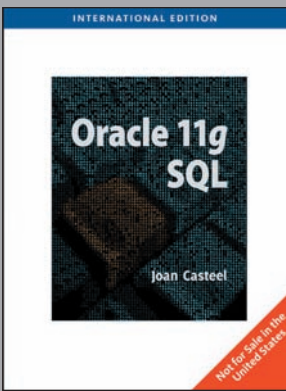
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  2. Database Design Fundamentals
  3. An Introduction to SQL
  4. Single-Table Queries
  5. Multiple-Table Queries
  6. Updating Data
  7. Database Administration
  8. SQL Functions and Procedures.
- Appendices
- A. SQL Reference
  - B. “How do I” Reference
  - C. Answers to Odd-Numbered Review Questions

### ABOUT THE AUTHORS

**Phillip J. Pratt** is a professor of Mathematics and Computer Science at Grand Valley State University where he was department Chair from 1993–2001. He has authored several textbooks including the best-selling *Concepts of Database Management* and *A Guide to SQL*. His current teaching and research interests include database management, systems analysis, complex analysis, and discrete mathematics.

**Mary Z. Last** is Chair of the Business Information Technology and Systems Department and Director of the Center for Effectiveness in Learning and Teaching at the University of Mary Hardin-Baylor in Belton, Texas. Last is a contributing author on the Shelly Cashman Series' Microsoft Office Access texts and coauthor of *A GUIDE TO MYSQL*. She also has authored instructor resource materials for a variety of texts.



# ORACLE 11g: SQL, INTERNATIONAL EDITION, SECOND EDITION

*Joan Casteel*

ISBN-13: 978-1-4390-8124-2

©2010

640 pages

## FEATURES AND BENEFITS

- Maps to the Oracle Certification Exams 1Z0-007 and 1Z0-051.
- Covers most topics in the new Oracle Database SQL Expert Exam 1Z0-047.
- Now includes material on using virtual columns, CASE expressions, the NULLIF function, and the explain plan for verifying indexes.
- Explains both ANSI and traditional join methods.
- Incorporates hands-on activities at the end of each chapter, such as review questions, assignments, and case projects, to help reinforce Oracle 11g SQL skills.
- Includes Oracle 11g database software with each new copy of the textbook.

## TABLE OF CONTENTS

1. Overview of Database Concepts.
2. Basic SQL SELECT Statements.
3. Table Creation and Management.
4. Constraints.
5. Data Manipulation and Transaction Control.
6. Additional Database Objects.
7. User Creation and Management.
8. Restricting Rows and Sorting Data.
9. Joining Data from Multiple Tables.
10. Selected Single-Row Functions.
11. Group Functions.
12. Subqueries and Merge.
13. Views.
14. Formatting Readable Output.
15. Exploring SQL Topics in Application Development.

## ABOUT THE AUTHOR

**Joan Casteel** has more than twelve years of experience in application development in various business environments. She has been teaching Oracle development at Tidewater Community College for the past seven years in the Database Specialist curriculum. Joan has authored two textbooks for Course Technology, a part of Cengage Learning.



**Oracle 10g Developer:  
PL/SQL Programming**

*Joan Casteel*

ISBN-13: 978-1-4239-0136-5

©2008 • 560 pages

\*Includes Free Software: Oracle 10g Developer



**Guide to Oracle 10g**

*Joline Morrison, Mike Morrison, Rocky Conrad*

ISBN-13: 978-0-619-21629-0

©2006 • 1014 pages



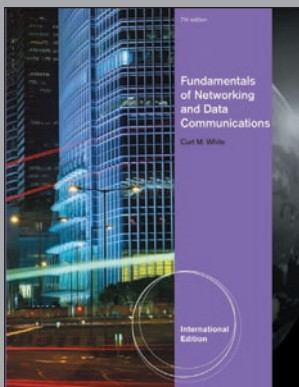
**Oracle 10g Database Administrator:  
Implementation and Administration**

*Gavin Powell, Carol McCullough-Dieter*

ISBN-13: 978-1-4188-3665-8

©2006 • 552 pages

\*Includes Free Software: Oracle 10g Database



# FUNDAMENTALS OF NETWORKING AND DATA COMMUNICATIONS INTERNATIONAL EDITION, SEVENTH EDITION

*Curt White*

ISBN-13: 978-1-1336-2648-0

©2013 528 pages



## FEATURES AND BENEFITS

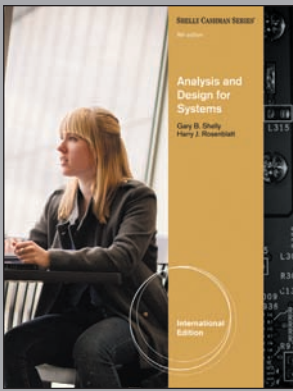
- Thirteen chapters introduce computer networks and data communications and include coverage of the language of computer networks and the effects of data communications on today's society.
- "Details" sections separate highly technical material from the rest of the chapter narrative.
- "In Action" examples demonstrate the chapters' key topics in a realistic work environment.
- "Thinking Outside the Box" exercises at the end of each chapter challenge users to explore ideas beyond those explicitly outlined in the chapter.
- Expanded coverage of the TCP/IP protocol suite and OSI model, discussion of digital and analog signal basics, a section on UTP, a new discussion on 4G cellular, updated WiMax material, an introduction to the Thunderbolt interface, and new examples of FDM and TDM (cell phone systems and cash registers).
- Additional changes include the combination of infrared, ultra-wideband, Zigbee, and free space optics into one section; addition of an updated business multiplexing example; updated material on Ethernet switches; and placement of wireless Ethernet coverage in Chapter 8, Local Area Networks: Software and Support Systems.
- Other new discussions cover General Public License (GPL), cloud storage of data, Unified Communications, information on IP addresses in greater detail, and new certifications requirements.

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1. Introduction.
2. The Internet.
3. Data Networks.
4. Signal Fundamentals.
5. The Media.
6. Local Area Networks: Part 1.
7. Local Area Networks: Part 2.
8. Making Connections.
9. Multiplexing and Compression.
10. Detecting and Correcting Errors.
11. Other Networks.
12. Security.
13. Design and Management of Networks.

## ABOUT THE AUTHOR

**Curt White** has taught at Wayne State University, Illinois State University, Purdue University–Fort Wayne, and Dominican University, and has been at DePaul University since 1998. Dr. White has published over thirty articles on computer science and computer science education, two chapters in books, and two college textbooks. In 1997, he chaired the ACM SIGCSE's national conference on computer science education, and more recently was the president of the Consortium for Computing Sciences in Colleges



# ANALYSIS & DESIGN FOR SYSTEMS, INTERNATIONAL EDITION, NINTH EDITION

Gary B. Shelly, Harry J. Rosenblatt

ISBN-13: 978-0-538-48162-5

©2012

752 pages



## FEATURES AND BENEFITS

- Eighteen Video Learning Sessions (VLS) enhance the textbook and explain important systems analysis skills and concepts in a format that best suits today's visual learners. Topics include DFDs, data normalization, entity-relationship diagrams, decision tables, financial tools, and project management. The step-by-step explanations are easy to follow and understand.
- Four new Video Learning Sessions covering Object Oriented topics have been added to provide greater depth to course concepts, enhancing students' overall understanding of material.
- Content has been updated to ensure the most current coverage of project management today.
- New! Ready for a Challenge critical-thinking End-Of-Chapter exercises challenge students to complete questions through independent problem solving, reinforcing the concepts learned in the chapter.
- The CASE Tools portion of the Study Toolkit has been heavily revised to cover business process modeling with Visible Analyst & Visio.

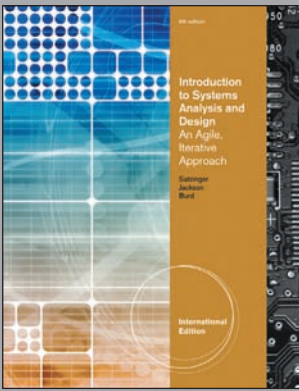
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1. Systems Analysis Fundamentals.
  2. Business Justification.
  3. Project Management.
  4. Determining Requirements.
  5. Data and Process Analysis.
  6. Object Analysis.
  7. Options for Development.
  8. Designing the Interface.
  9. Designing the data.
  10. System Construction Planning.
  11. Making the System Operational.
  12. Securing and Supporting the System.
- Appendix A: Communicating.  
Appendix B: Software Engineering.  
Appendix C: Cost-Benefit Analysis.  
Appendix D: Internet Resources

## ABOUT THE AUTHORS

**Gary B. Shelly** wrote and published his first computer education textbook in 1969. More than twenty million copies of Shelly Cashman Series® textbooks have been sold. Gary and a talented group of contributing authors have produced books on computer programming, computer concepts, and application software that are the leading textbooks in the computer technology market today.

**Harry J. Rosenblatt** is a professor of information systems at College of the Albmarle in Elizabeth City, North Carolina. His background is in management and computer systems consulting. He has co-authored the last six editions of the Shelly Cashman *Systems Analysis and Design* textbook.



# INTRODUCTION TO SYSTEMS ANALYSIS AND DESIGN: AN AGILE, ITERATIVE APPROACH, INTERNATIONAL EDITION, SIXTH EDITION

*John Satzinger, Robert Jackson, Stephen Burd*

ISBN-13: 978-1-1119-7226-4

©2012 576 pages



## FEATURES AND BENEFITS

- To provide an overall text length that is manageable for your course, the authors have reduced the number of chapters in this edition from 17 to 14 chapters. Additional, optional coverage is included in online chapters for easy reference.
- Each chapter weaves proven, hands-on practice into every section, giving your students an opportunity to immediately apply concepts.
- New content addresses adaptive (agile) development and project management for adaptive projects; activity diagrams; use case descriptions; as well as class, sequence, and state diagrams. Streamlined coverage also emphasizes critical topics related to ER models.
- Four all-new continuing cases provides comprehensive opportunities for students to practice newly acquired skills.
- Updates reflect the latest developments in Microsoft® Project 2010.
- Modeling skills are enhanced with the use of Microsoft® Visio 2010.
- This edition's interactive MIS CourseMate online resources provide learning, study, and exam preparation tools as well as an interactive eBook to reinforce concepts presented in this printed edition. In addition, new Engagement Tracker provides a first-of-its-kind tool to help you monitor daily student engagement in your course.

## ABOUT THE AUTHORS

**John Satzinger** is a Professor in the Computer Information Systems department at Missouri State University. With more than 15 years of teaching and research experience at leading CIS and MIS university programs, Dr. Satzinger's interests and specialties include systems analysis and design, graphical user interface design, object-oriented development, and database and client-server development.

**Robert Jackson** is a retired member of the faculty of the Information Systems Department at Brigham Young University. He has researched, published, and taught in the areas of object-oriented systems development, e-commerce, Web systems, project management, and information systems education.

**Stephen Burd** *Please see page 20.*

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Part I: AN INTRODUCTION TO SYSTEMS DEVELOPMENT.

1. From Beginning to End: An Overview of Systems Analysis and Design  
Optional Online Chapter A: The Role of the Systems Analyst (reletter from OLC 1).

Part II: SYSTEMS ANALYSIS ACTIVITIES.

2. Investigating System Requirements.
3. Use Cases.
4. Domain Modeling.
5. Extending the Requirements Models.  
Optional Online Chapter B: The Traditional Approach to Requirements (reletter from OLC 3).

Part III: ESSENTIALS OF SYSTEMS DESIGN.

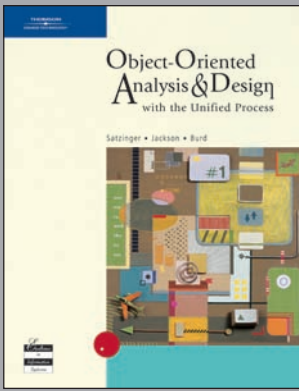
6. Essentials of Design and the Design Discipline.
7. Designing User and Systems Interfaces.

Part IV: PROJECTS AND PROJECT MANAGEMENT.

8. Approaches to System Development.
9. Project Planning and Project Management.  
Optional Online Chapter C Project Management Techniques (reletter from OLC 2).

Part V: ADVANCED DESIGN AND DEPLOYMENT CONCEPTS.

10. Object-Oriented Design: Principles.
11. Object-Oriented Design: Use Case Realizations.
12. Databases, Controls and Security.
13. Making the System Operational.
14. Current Trends in Systems Development.



# OBJECT-ORIENTED ANALYSIS & DESIGN WITH THE UNIFIED PROCESS

*John Satzinger, Robert Jackson, Stephen Burd*

ISBN-13: 978-0-619-21643-6

©2005

608 pages

## FEATURES AND BENEFITS

- Covers analysis and design in an exclusively object-oriented approach.
- Based on the proven pedagogy and approach of the authors' "Changing World" text.
- Integrates two running cases using the Rocky Mountain Outfitters Corporation and Reliable Pharmaceuticals for students to present and apply business concepts.
- Highlights "Best Practices" throughout each chapter to give students concrete examples of what concepts to apply in business environments.

## TABLE OF CONTENTS

Part One: System Development and the Unified Process

1. The World of the Modern Systems Analyst
2. Object-Oriented Development and the Unified Process
3. Project Management and the Inception Phase

Part Two: Modeling and the Requirements Discipline

4. Business Modeling and Requirements Activities
5. Use Cases and Domain Models
6. Use Case Modeling

Part Three: The Design Discipline

7. Design Activities and Environments
8. Use Case Realization in an Iteration
9. Advanced Design Principles and Patterns
10. Designing the Data Access Layer
11. Designing the User Interface Layer
12. Designing System Interfaces, Controls, and Security

Part Four: Implementation, Test, and Deployment Disciplines

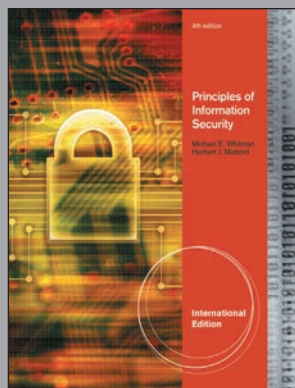
13. Making the System Operational
14. Agile Development

## ABOUT THE AUTHORS

**John Satzinger** *Please see page 19.*

**Robert Jackson** *Please see page 19.*

**Stephen Burd** is an associate professor at the University of New Mexico, where he has been teaching courses in management information systems, networks, databases, and hardware/software since 1984. He received his bachelor's and master's degrees at the University of Baltimore, and his Ph.D. from Purdue University, and has authored more than seven top-selling textbooks for Course Technology.



# PRINCIPLES OF INFORMATION SECURITY, INTERNATIONAL EDITION FOURTH EDITION

*Michael E. Whitman, Herbert J. Mattord*

ISBN-13: 978-1-1111-3823-3

©2012

656 pages



## FEATURES AND BENEFITS

- Enhanced section on Security Models and Standards, including access control models, Bell-LaPadula, Biba, and others, as well as enhanced coverage of NIST and ISO standards.
- New content on Security Governance adds depth and breadth to the topic.
- Updates on the newest laws and a host of identity theft bills.
- Includes a new section on addressing the methods and results of systems certification and accreditation in accordance with federal guidelines.
- Up-to-date examples and references maintain currency and relevance.
- Conforms fully to CNSS Training Standard 4011, which allows federal recognition of programs based on this book.
- Uses examples of information security issues, tools and practices implemented in today's businesses, fostering real-world application.
- Includes Off-Line boxes with sidebar articles for further study, and Technical Details boxes that separate highly technical information from the chapter

narrative for easier reading.

- Contains updated managerial content to provide general, yet valuable information, without bogging your students down with extraneous, highly specific details.

## TABLE OF CONTENTS

1. Information Security: An Introduction.
2. Why Security is Needed.
3. Professional, Legal, and Ethical Issues in Information Security.
4. Risk Management.
5. How to Plan for Security.
6. Security Technology: Wireless, VPNs, and Firewalls.
7. Security Technology: Prevention Systems, Intrusion Detection, and Other Security Tools.
8. Cryptography.
9. Physical Security.
10. How to Implement Information Security.
11. Personnel and Security.
12. Maintenance of Information Security and eDiscovery.

## ABOUT THE AUTHORS

**Michael E. Whitman, Ph.D., CISM, CISSP** is a professor of Information Systems in the Computer Science and Information Systems department at Kennesaw State University, Kennesaw, Georgia. Dr. Whitman is an active researcher in Information Security, Fair and Responsible Use Policies, and Ethical Computing and Information Systems Research Methods. He has published articles in *Information Systems Research*, *the Communications of the ACM*, *Information and Management*, the *Journal of International Business Studies*, and the *Journal of Computer Information Systems*. He is an active member of the Computer Security Institute, the Information Systems Security Association, Georgia Electronic Commerce Association's Information Security Working Group, the Association for Computing Machinery, and the Association for Information Systems.

**Herbert J. Mattord, MBA, CISM, CISSP** recently completed 24 years of IT industry experience as an application developer, database administrator, project manager, and information security practitioner before joining the faculty at Kennesaw State University. During his career as an IT practitioner, he has been an adjunct professor at Kennesaw State University, Southern Polytechnic State University, Austin Community College, and Southwest Texas State University. He currently teaches courses in Information Security, Data Communications, Local Area Networks, Database Technology, Project Management, and Systems Analysis & Design. He was formerly the Manager of Corporate Information Technology Security at Georgia-Pacific Corporation.



# MANAGEMENT OF INFORMATION SECURITY, INTERNATIONAL EDITION, THIRD EDITION

*Michael E. Whitman, Herbert J. Mattord*

ISBN-13: 978-0-8400-3160-0

©2011

576 pages

## FEATURES AND BENEFITS

- Reflects changes in the field, including revised sections on national and international laws and international standards like the ISO 27000 series.
- Additional coverage in key managerial areas of Information Security Governance, Access Control Models, and Information Security Program Assessment and Metrics.
- Former Chapter 12, Project Management, has been merged into Chapter 1 – providing all introductory and general IT managerial material in the opening chapter.
- Chapter 6, Security Management Models and Practices, has been split into two chapters and enhanced with more practices and models, consolidating and enhancing coverage of security management materials.
- Applies a running case study which follows a fictional company as it encounters various information security issues, rounded out by discussion questions that encourage class participation.
- Offers "Viewpoint" essays to provide a range of commentary that illustrate interesting topics or share personal experiences--providing students with real-world examples.

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- 5: Developing Security Programs.
- 6: Security Management Models.
- 7: Security Management Practices.

Unit IV: Protection.

- 8: Risk Assessment.
- 9: Controlling Risk.
- 10: Protection Mechanisms.

Unit V: People.

- 11: Personnel And Security.
- 12: Law And Ethics.

Appendix A : NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems and ISO 27002 Questionnaire.

Appendix B : Risk Management Models.

## ABOUT THE AUTHORS

Michael E. Whitman *Please see page 21.*

Herbert J. Mattord *Please see page 21.*



# HANDS-ON INFORMATION

SECURITY LAB MANUAL  
THIRD EDITION

*Michael E. Whitman, Herbert J. Mattord*

ISBN-13: 978-1-4354-4156-9

©2011 448 pages

## FEATURES AND BENEFITS

- Eliminate expensive software purchases and time spent setting up a lab with the free software to complete all exercises included with every text.
- Increase students' knowledge of information security with this hands-on lab manual for introductory, technical and managerial students.
- Apply skills in a non-certification environment for students looking for a different approach to security issues using Microsoft Windows 2000, XP and Linux.

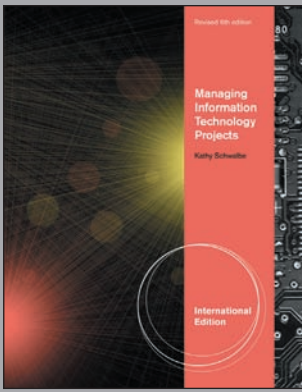
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  2. Information Security Technical Exercise Theory.
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  4. LINUX - Based Information Security Exercises.
  5. Domain 3: Business Continuity and Disaster Recovery Planning.
  6. Domain 4: Cryptography.
  7. Domain 5: Information Security and Risk Management.
  8. Domain 6: Legal, Regulations, Compliance and Investigations.
  9. Domain 7: Operations Security.
  10. Domain 8: Physical (Environmental) Security.
  11. Domain 9: Security Architecture and Design.
  12. Domain 10: Telecommunications and Network Security.
  13. Preparing for the Exam.
  14. After Earning the Certification.
  15. Glossary.
- Index.

## ABOUT THE AUTHORS

Michael E. Whitman *Please see page 21.*

Herbert J. Mattord *Please see page 21.*



# MANAGING INFORMATION TECHNOLOGY PROJECTS, INTERNATIONAL EDITION, REVISED SIXTH EDITION

*Kathy Schwalbe*

ISBN-13: 978-0-538-48070-3

©2011

672 pages



## FEATURES AND BENEFITS

- Presents an understandable, integrated view of the many concepts skills, tools, and techniques involved in project management
- The only textbook to apply all nine project management knowledge areas: project integration, scope, time, cost, quality, human resource, communications, risk, and procurement management.
- Appendix A: Guide to Using Microsoft Project has been updated for Office 2010.
- Fully updated for the newly released PMBOK Guide, Fourth Edition. Describes in detail new processes and provides more details and examples of their output.
- Appendix B reflects changes to the PMP exam, mostly due to the new edition of PMBOK Guide.
- Exercises, running cases, What Went Right?, What Went Wrong?, Best Practice, and Media Snapshot examples are updated!

## TABLE OF CONTENTS

1. Introduction to Project Management
  2. The Project Management and Information Technology Context
  3. The Project Management Process Groups: A Case Study
  4. Project Integration Management
  5. Project Scope Management
  6. Project Time Management
  7. Project Cost Management
  8. Project Quality Management
  9. Project Human Resource Management
  10. Project Communications Management
  11. Project Risk Management
  12. Project Procurement Management
- Appendices
- A. Guide to Using Microsoft Project 2010
  - B. Advice for the Project Management Professional Exam (PMP) and Related Certifications
  - C. Additional Running Cases

## ABOUT THE AUTHOR

**Kathy Schwalbe** is a professor in the Department of Business Administration at Augsburg College in Minneapolis, where she teaches courses in project management, problem solving for business, systems analysis and design, information systems projects, and electronic commerce. Kathy was also an adjunct faculty member at the University of Minnesota, where she taught a graduate-level course in project management in the engineering department. She also provides training and consulting services to several organizations and speaks at several conferences. Kathy worked for ten years in industry before entering academia in 1991. Kathy is an active member of PMI, having served as the Student Chapter Liaison for the Minnesota chapter of PMI, VP of Education for the Minnesota chapter, Editor of the Information Systems Specific Interest Group (ISSIG) Review, and member of PMI's test-writing team. She is currently the Director of Communications for the ISSIG. Kathy earned her Ph.D. in Higher Education at the University of Minnesota, her MBA at Northeastern University's High Technology MBA program, and her B.S. in mathematics at the University of Notre Dame.



# CONCEPTS

## IN ENTERPRISE RESOURCE PLANNING, INTERNATIONAL EDITION, FOURTH EDITION

*Bret Wagner, Ellen Monk*

ISBN-13: 978-1-1118-2041-1

©2013



### FEATURES AND BENEFITS

- The authors incorporate clear, informative screenshots to familiarize readers with software programs and key concepts.
- A variety of useful end-of-chapter questions and exercises test students' mastery of the subject matter periodically and allow for immediate feedback.
- The authors incorporate numerous examples that demonstrate today's leading software, such as SAP, in use
- This edition's continuing case highlights an interesting, realistic company that clearly displays how ERP works when applied to all aspects of a single business.
- All-new sidebar cases highlight practical examples of using ERP in business today.
- Additional coverage of financial statements and product cost planning better prepares students for today's business.

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1. Business Functions and Business Processes.
2. The Development of Enterprise Resource Planning Systems.
3. Marketing Information Systems and the Sales Order Process.
4. Production and Supply Chain Management Information Systems.
5. Accounting in ERP Systems.
6. Human Resources Processes with ERP.
7. Process Modeling, Process Improvement, and ERP Implementation.
8. ERP and Electronic Commerce.

### ABOUT THE AUTHORS

**Bret Wagner** is associate professor and director of Western Michigan University's Integrated Supply Matrix Management program. Dr. Wagner received his Ph.D. in Operations Management from Michigan State University and has published a number of articles on topics in production planning and scheduling.

**Professor Ellen F. Monk** has been teaching Information Systems at the Lerner College of Business and Economics at the University of Delaware since 1989. Prior to her teaching career, Ms. Monk worked as a chemical engineer for Engelhard Industries and W. R. Grace & Cos Davison Chemical Division.



# E-BUSINESS, INTERNATIONAL EDITION, TENTH EDITION

*Gary Schneider*

ISBN-13: 978-1-1335-2684-1

©2013

680 pages



## FEATURES AND BENEFITS

- Illustrating important points with actual business cases, including the "Learning from Failure" feature, captivates students with real-world examples of successful and unsuccessful online business strategies, the book gives students insight into the struggles, accomplishments, and excitement of e-commerce.
- Each chapter includes two cases, giving readers plenty of hands-on experience applying text concepts to actual situations faced by real companies.
- Providing opportunities for further independent study, each chapter concludes with a comprehensive list of resources that serves as a starting point for readers who want to learn more about text topics.

## THIS NEW EDITION

- examines the impact of the 2009 recession on electronic commerce.
- covers the recent rapid e-commerce growth in China and the developing world.
- explains how social media are being used in online marketing and growth strategies.
- discusses emerging issues in technology-enabled outsourcing.
- includes the latest developments in online payment processing systems.

## ABOUT THE AUTHOR

**Gary Schneider** is the William S. Perlroth Professor of Accounting at Quinnipiac University. He is author of more than 50 books and 100 research papers, Dr. Schneider has written widely on accounting and information systems topics with his work appearing in leading journals. His books have been translated into Chinese, French, Italian, Korean, and Spanish. A CPA who practiced public accounting in Ohio for 14 years before undertaking his academic career, Dr. Schneider holds a Ph.D. in accounting information systems from the University of Tennessee, an MBA from Xavier University, and a BA in economics from the University of Cincinnati.



# ETHICS

## IN INFORMATION TECHNOLOGY, INTERNATIONAL EDITION, FOURTH EDITION

*George Reynolds*

ISBN-13: 978-1-1115-3410-3

©2012

480 pages



### FEATURES AND BENEFITS

- This book has wide application in today's information technology where ethics are becoming more and more important. The author's unique focus helps students better understand the legal, ethical, and societal implications of information technology today.
- The author addresses different ethical situations that typically arise in IT and offers practical advice for addressing these issues.
- This book and the proven features it offers, such as Manager's Checklist, provide an exceptional, solid foundation for current and future business managers and IT professionals who are responsible for ethical decision-making.
- New, contemporary business vignettes and thought-provoking questions in each chapter further highlight chapter topics.
- A greater variety and quantity of end-of-chapter exercises that encourage critical practice of chapter concepts.
- This edition provides increased coverage of computer crime and cyber terrorism. Students learn the security risks of cloud computing as well as smishing and vishing.

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1. An Overview of Ethics.
  2. Ethics for IT Professionals.
  3. Computer and Internet Crime.
  4. Privacy.
  5. Freedom of Expression.
  6. Intellectual Property.
  7. Software Development.
  8. The Impact of Information Technology on the Quality of Life.
  9. Social Networking.
  10. Ethics of IT Organizations.
- Appendices:
- A. A Brief Introduction to Morality.
  - B. Software Engineering Code of Ethics and Professional Practice.
  - C. Association of Information Technology Professionals (AITP) Code of Ethics.
  - D. Sysadm, Audit, Network, Security (SANS) IT Code of Ethics.

### ABOUT THE AUTHOR

**Professor George Reynolds** brings a wealth of computer and industrial experience to this book. He combines his more than 30 years experience working in government, institutional, and commercial IS organizations with his exceptional teaching skills to deliver a text that is both practical and focused on the needs of today's student. Professor Reynolds currently serves as assistant professor in the Computer Information Systems department at Strayer University.



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## ABOUT THE AUTHOR

**Stephen Burd** is an Associate Professor at the University of New Mexico, where he has been teaching courses in management information systems, networks, databases, and hardware/software since 1984. He received his bachelor's and master's degrees at the University of Baltimore, and his Ph.D. from Purdue University, and has authored more than seven top-selling textbooks for Course Technology

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