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• Brand-new information boxes and end-of-chapter cases show MIS applications in current business settings.

• Cloud storage, multi-core processors, Google Drive, and rootkits are some of the new topics covered.

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7. The Internet, Intranets, and Extranets.
8. E-Commerce.

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

ABOUT THE AUTHOR

Hossein Bidgoli, Ph.D., is professor of Management Information Systems at California State University. Dr. Bidgoli helped set up the first PC Lab in the United States and served as its first director. 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.
FEATURES AND BENEFITS

• THE LATEST, DETAILED COVERAGE PREPARES YOUR STUDENTS TO WORK WITH THE NEWEST DELIVERY MODEL IN INFORMATION SYSTEMS TODAY. Students study multimedia in business today. They examine application development for the iPhone®, iPad®, and similar devices as well as cloud computing to gain a strong background in the most recent technologies. This enables them to maximize the scalable, virtualized resources in this latest Internet-driven delivery model for IS.

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• CASE STUDIES EXPLORE PRACTICAL SOLUTIONS FOR DILEMMAS IN REAL ORGANIZATIONS. Two new end-of-chapter cases provide a wealth of practical information for your students. Each case follows a real company or actual organization facing a problem or concept discussed in the chapter. You can assign cases for homework or use them to prompt meaningful class discussion.

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7. The Internet, Intranets, and Extranets.

Part III: Business Information Systems.
8. Electronic and Mobile Commerce.
10. Information and Decision Support Systems.

Part IV: Systems Development.


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About the Authors

Ralph Stair received a B.S. in Chemical Engineering from Purdue University, an M.B.A. from Tulane University, and a Ph.D. from the University of Oregon. He has taught at the University of Oregon, the University of Washington, the University of New Orleans, and Florida State University. He has taught several courses through Florida State University’s Study Abroad Program in London. Throughout the years, Dr. Stair has focused his teaching and research on information systems. Dr. Stair is a well-respected member of several academic organizations, including Decision Sciences Institute.

George Reynolds Please see page 4.
FEATURES AND BENEFITS

• Up to 140 updated references and examples per chapter keep learning as current as possible and reflect the latest developments in today’s world.

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• Completely updated coverage of systems software introduces the latest operating systems such as Apple®’s latest OS X Lion, Google®’s Android®, and Windows® Home Server as well as Microsoft®’s Windows 8, the newest version of Red Hat Enterprise Virtualization (RHEV) software, and Alibaba Cloud Computing.

• Updated cost comparison examines today’s latest forms of data storage.

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4. Telecommunications, the Internet, Intranets, and Extranets.
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5. Electronic and Mobile Commerce and Enterprise Systems.
8. Systems Development.

About the Authors

Ralph Stair Please see page 3.

George Reynolds brings a wealth of computer and industrial experience to this book. He combines more than 30 years’ experience working in government, institutional, and commercial IS organizations with exceptional teaching skills to deliver a text that is both practical and focused on the needs of today’s students. Professor Reynolds currently serves as assistant professor in the Computer Information Systems department at Strayer University. He has also taught IS at the University of Cincinnati, Xavier University (Ohio), Miami University, and College of Mount St. Joseph.
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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7. E-Business.
10. Knowledge Management.

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.
Features and Benefits
• Thoroughly revised and updated, MANAGEMENT INFORMATION SYSTEMS, 7e offers the most current coverage available. All examples, illustrations, boxed features, and references are completely up to date.
• Extensive new coverage is given to emerging and expanding issues such as social networking, IT security, and mobile computing.
• A brand-new case scenario gives students the opportunity to integrate business IT principles, view IS issues in action, and to solve business problems related to IT just as they arise in the real world.
• Detailed illustrations clarify the book’s more complex concepts, ensuring students have a thorough understanding as they progress through the book.
• Featured in every chapter, Ethical and Societal Issues equip readers with professional skills as well as responsible and ethical methods for using those skills.
• Emphasis on networked businesses and strategic uses of information technologies prepares students for professional careers.

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11. Business Intelligence and Knowledge Management.
Part V: PLANNING, ACQUISITION, AND CONTROLS.
12. Systems Planning and Development.

ABOUT THE AUTHORS
Kenneth J. Sousa, Ph.D. is an Associate Professor of Computer Information Systems at Bryant University. Dr. Sousa’s teaching and research areas include electronic commerce, database management systems, applications development, information systems strategy, project management, and systems development. Before joining the faculty at Bryant, he held several industry positions in consulting and information systems. He received a Bachelor of Science degree from Roger Williams University, a Master of Business Administration from Bryant College and a Ph.D. in Business Administration from the University of Rhode Island.

Effy Oz. was a Professor of Management Science and Information Systems at the Pennsylvania State University, Great Valley. In addition to publishing and presenting numerous academic and professional articles, Professor Oz authored best-selling textbooks in the areas of management information systems, e-commerce, and IT ethics. He served on the editorial boards of ENCYCLOPEDIA OF INFORMATION SYSTEMS as well as several academic journals. He received his MBA from the Hebrew University and his DBA from Boston University.
STRATEGIC INFORMATION SYSTEMS MANAGEMENT
Kevin Grant, Ray Hackney, David Edgar
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• An accessible synthesis of contributions from leading figures in the field mapped to the latest course curriculum requirements
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• 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!
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9. Organizational Change, Culture and Strategic IS/IT Led Change
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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.
FEATURES AND BENEFITS

- This edition has been completely updated for Microsoft® Access® and Excel® 2013.
- Updated Tutorials: These updated tutorials walk students through Microsoft® Access® and Excel® 2013, 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 12 new cases and solving realistic problems with Microsoft® Access® and Excel®.
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- Integration Cases: Two cases in the text require students to apply both Access® and Excel® simultaneously, helping to develop analytical skills while giving them valuable practice using newly acquired knowledge.

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Case 7: The City Hotel Recovery Analysis.

Part 3: DECISION SUPPORT CASES USING MICROSOFT EXCEL SOLVER.
Case 8: Duchess Cruises Ship Assignment Problem.
Case 9: Ed and Carla’s Retirement Plan.

Part 4: DECISION SUPPORT CASE USING BASIC EXCEL FUNCTIONALITY.
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Part 5: INTEGRATION CASES USING ACCESS AND EXCEL.
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Part 6: ADVANCED SKILLS USING EXCEL.
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Part 7: PRESENTATION SKILLS.
Tutorial F: Giving an Oral Presentation.

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.

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. Du Pont de Nemours.

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

• Fully updated to reflect changes to Microsoft Access 2013.

• 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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4. Collecting Data with Well-Designed Forms.
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6. Automating Database Processing.
7. Enhancing User Interaction Through Programming

ABOUT THE AUTHOR

Sandra Cable is the author and co-author of numerous books with Course Technology. Her books include both introductory and advanced levels of Microsoft Excel and Access. The author holds a doctorate in Education from Texas A&M University - Commerce. In addition to working full-time for an international corporation in Dallas, TX, she volunteers to teach at seminars and in classrooms promoting simple approaches to using computer applications.
FEATURES AND BENEFITS

• Fully updated to reflect changes to Microsoft Excel 2013.
• Expanded coverage of pivot charts and tables in chapter 7.
• Expanded coverage of Quick Analysis to chapter 2.
• 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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About the Authors

Debra Gross started teaching to share her knowledge and experiences. She teaches at The Ohio State University in the department of Computer Science & Engineering. Debra received her MBA from the University of Chicago Graduate School of Business in Finance and Accounting and a B.S. from MIT in Chemical Engineering.

Frank E. Akaiwa teaches at the Kelly School of Business at Indiana University. He holds degrees from Tennessee Technical University and Indiana University. Mr. Akaiwa worked as a civil engineer for the U.S. Navy.

Karleen Nordquist has been tutoring Accounting and Finance topics for post-secondary students through Smarthinking, Inc. since 2000. She also has over 10 years of experience teaching information systems and business-related courses, and enjoys reading and learning about technology of all forms. Ms. Nordquist has earned degrees at Minnesota State University Moorhead and the University of North Dakota. Prior to entering the teaching profession, she worked in public accounting and as an auditor.
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.
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• 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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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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About the Author
Sandra Cable  Please see page 9
FEATURES AND BENEFITS

• Clear, straightforward writing style provides an outstanding balance of theory and practice.
• Multiple databases in various formats are used to provide readers with experience in implementation using MS Access, MS SQL Server, MySQL, and Oracle databases.
• Up-to-date content includes 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.
• Material on Ethics, as it pertains to the database administration function, is included so that students have a solid understanding of ethical dilemmas in the field.
• Coverage includes green computing/sustainability for modern data centers.
• To ensure that students are provided with the most up-to-date material available, content has been expanded to add support for MySQL. New topics include expanded coverage of Big Data, NoSQL, cloud computing, expanded relational algebra coverage, and triggers within Microsoft Access 2013.

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13. Business Intelligence and Data Warehouses.
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Part VI: DATABASE ADMINISTRATION.
15. Database Administration and Security.
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About the Authors
Carlos Coronel is currently the Lab Director for the College of Business Computer Labs at Middle Tennessee State University. He has over 27 years of experience in various fields as a Database Administrator, Network Administrator, Web Manager, and Technology Specialist, and has taught courses in Web development, database design and development, and data communications at the undergraduate and graduate levels.

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. Steven has published many articles, and currently serves on the review boards of several journals.
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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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.
Features and Benefits

- This invaluable reference introduces SQL programming using straightforward instruction, hands-on exercises, and a strong foundation in real-world business scenarios.

- Review questions, exercises, and hands-on projects conclude each chapter to reinforce learning and provide practice applying key concepts. Critical thinking questions and exercises challenge students to use problem-solving and analytical skills.

- Building on the longstanding success of this proven text, the Ninth Edition introduces basic SQL commands in a real-world context using a running case, which explores how a business might use SQL to manage orders, parts, customers, and sales reps.

- To illustrate that fundamental principles and practices remain valid regardless of which database environment is used, the authors include numerous examples of the latest versions of Oracle®, Microsoft® Access®, and SQL Server.

- A new continuing case problem appears in each chapter throughout the book.

- New cases are used in the end-of-chapter exercises and cases.

- Critical thinking questions and exercises that challenge students to use problem-solving and analytical skills appear in each case.

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1. Introduction to TAL Distributors, Colonial Adventure Tours, and Solmaris Condominium Group.
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7. Database Administration.
8. Reports.
9. Embedded SQL.

About the Authors

Philip 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 75 textbooks, including coauthoring three levels of Microsoft Office Access 2013 books for the Shelly Cashman Series and A Guide to SQL.

Mary Z. Last has taught computer information systems since 1984. She retired from the University of Mary Hardin-Baylor, Belton, TX where she was an Associate Professor and the Director of the Center for Effectiveness in Learning and Teaching. Mary is actively involved in the Computing Educator’s Oral History Project that encourages young women to pursue careers in math and science. She has been a contributing author to the Shelly Cashman Series since 1992 and also authors many instructor resources for database texts.
Features and Benefits

• Provides hands-on projects at the end of each chapter, including Features and Benefits

• This edition offers three databases that extend your selection for class practice questions. A new database has been added to this edition with corresponding assignments that focus on how a charitable organization tracks donations efficiently.

• The updated examples and figures throughout this edition show the user-friendly SQL Developer tool, which is free from Oracle. This interface is much easier than SQL*Plus for students to use.

• This edition offers even more coverage on important fundamentals to give students solid background needed for working with Oracle and certification, such as bulk processing, compound triggers, PL/SQL compiler features, and hiding source code.

• Varied in-chapter exercises and a wealth of hands-on assignments throughout this edition give your students numerous opportunities to better understand and apply the material covered in each chapter.

• This is the only book covering PL/SQL and Oracle® 11g concepts that is designed specifically for classroom use and certification preparation.

• This edition addresses all the topics needed to prepare for the PL/SQL Oracle certification exam, including content reflected in the new Oracle® 11g exam.

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1. Introduction to PL/SQL.
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ONLINE APPENDICES.
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D. Statement Tuning.
E. SQL*Loader Utility.
F. An Introduction to Object Technology.

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 11G: SQL
INTERNATIONAL EDITION,
SECOND EDITION

Joan Casteel

©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.

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2. Basic SQL SELECT Statements.
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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.
**FUNDAMENTALS OF NETWORKING AND DATA COMMUNICATIONS, INTERNATIONAL EDITION, SEVENTH EDITION**

*Curt White*

©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.  
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11. Other Networks.  
13. Design and Management of Networks.

### About the Author

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SYSTEMS ANALYSIS & DESIGN (WITH COURSEMATE WITH MINDTAP READER PRINTED ACCESS CARD)
INTERNATIONAL EDITION, TENTH EDITION
Harry J. Rosenblatt
©2014    760 pages

FEATURES AND BENEFITS
• New Critical Thinking Challenge feature helps students develop perception, organization, analysis, problem-solving, and decision-making skills that they will need in the workplace.
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• Eighteen Video Learning Sessions (VLS), available via CourseMate, enhance the textbook and explain important systems analysis skills and concepts in a format that best suits today's visual learners.
• Toolkit with four cross-functional tools with basic skills students will need on the job.

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HASE I: SYSTEMS PLANNING.
1. Introduction to Systems Analysis and Design.
PHASE II: SYSTEMS ANALYSIS.
4. Requirements Modeling.
PHASE III: SYSTEMS DESIGN.
8. User Interface Design.
10. System Architecture.
PHASE IV: SYSTEMS IMPLEMENTATION.
   The systems analyst's toolkit.
Toolkit Part A: Communication Tools.
Toolkit Part B: CASE Tools.
Toolkit Part D: Internet Resource Tools.
Glossary/Index.

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INTRODUCTION
TO SYSTEMS ANALYSIS AND DESIGN: AN
AGILE, ITERATIVE APPROACH
INTERNATIONAL EDITION
SIXTH EDITION
John Satzinger, Robert Jackson, Stephen Burd
©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.

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Part I: AN INTRODUCTION TO SYSTEMS DEVELOPMENT.
1. From Beginning to End: An Overview of Systems Analysis and Design

Part II: SYSTEMS ANALYSIS ACTIVITIES.
2. Investigating System Requirements.
3. Use Cases.
4. Domain Modeling.
5. Extending the Requirements Models.

Part III: ESSENTIALS OF SYSTEMS DESIGN.
7. Designing User and Systems Interfaces.

Part IV: PROJECTS AND PROJECT MANAGEMENT.
8. Approaches to System Development.
9. Project Planning and Project Management.

Part V: ADVANCED DESIGN AND DEPLOYMENT CONCEPTS.
11. Object-Oriented Design: Use Case Realizations.

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 21.
OBJECT-ORIENTED ANALYSIS & DESIGN WITH THE UNIFIED PROCESS

John Satzinger, Robert Jackson, Stephen Burd

©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
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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 20.
Robert Jackson  Please see page 20.

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.
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.
4. Risk Management.

About the Authors

Michael E. Whitman, Ph.D., CISM, CISSP is a professor of information systems and security in the CSIS department at Kennesaw State University, where he also serves as director of the KSU Center for Information Security Education and coordinator for the Bachelor of Science in Information Security and Assurance program. Dr. Whitman is an active researcher in information security, fair and responsible use policies, ethical computing, and information systems research methods. He currently teaches graduate and undergraduate courses in information security and data communications and is an active member of various professional associations. Dr. Whitman has published articles in the industry's top journals and co-authored a number of books in the field published by Course Technology.

Herbert J. Mattord, MBA, CISM, CISSP gained 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 in 2002. During his career as an IT practitioner, Mattord served as manager of corporate information technology security at Georgia-Pacific Corporation, where he acquired much of the practical knowledge presented in this textbook. He currently teaches undergraduate courses in information security, data communications, local area networks, database technology, project management, and systems analysis and design.
Features and Benefits

- Full coverage of the newly released National Initiative for Cybersecurity Education (NICE) standards with instructor support for mapping the text to this standard.

- Enhanced content on Governance, Risk Management and Compliance (GRC), Contingency Planning and Incident Response, and Policy Management.

- In-depth discussion of controls and control selection based on COBIT 5.

- Expanded treatment on security convergence and the evolution of joint physical and logical security programs.

- Updated presentation of the laws, regulations and ethical perspectives on information security topics.

- Detailed coverage in key managerial areas of Information Security Governance such as Access Control Models, Information Security Program Assessments, and Metrics.

- Running case study feature follows a fictional company as it encounters various information security issues, followed by group discussion questions.

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3. Planning for Contingencies.
5. Developing the Security Program.
12. Law and Ethics.

About the Authors

Michael E. Whitman, Please see page 22.
Herbert J. Mattord, Please see page 22.
Features and Benefits

• This proven, practical manual helps users hone key information security skills through hands-on exercises based on realistic challenges involving Microsoft® Windows® 2000, Windows XP, Windows 7, and Linux.

• This wide-ranging, non-certification-based lab manual includes coverage of scanning, OS vulnerability analysis and resolution, firewalls, security maintenance, forensics, and other topics important for modern information security and networking professionals.

• A chapter on theory provides an overview of each laboratory exercise to help users understand how the exercise works and consider its relation to key principles of information security.

• Throughout the text, labs have been updated with relevant information to reflect operating system changes since the publication of the previous edition, including Microsoft® Windows® 7 and Novell® SUSE® 12 releases.

• The Fourth Edition includes new introductory labs covering virtualization techniques and images, offering users an opportunity to gain experience with key trends and practices affecting today’s information security and networking industry.

• Several exercises in the Fourth Edition feature new and updated tools, giving users access to the best and most current resources to complete essential information security and networking tasks.

Table of Contents

2. Background and Theory for Lab Exercises.
3. Windows Labs.
4. Linux Labs.

About the Authors

Michael E. Whitman Please see page 22.

Herbert J. Mattord Please see page 22.

Andrew Green, M.S.I.S., is a lecturer of information security and assurance in the CSIS department at Kennesaw State University and a research associate with the KSU Center for Information Security Education and Awareness. He was also one of the principal designers of the Southeast Collegiate Cyberdefense Competition, hosted annually by KSU. Before entering academia full-time, Green worked for 10 years as an information security professional, primarily as a consultant to small and medium-sized businesses, as well as a healthcare IT specialist.
Features and Benefits

• This edition is fully updated based on the exposure draft of the PMBOK® Guide, Fifth Edition. Up-to-the-minute content describes new processes in detail and provides more specifics and examples of their output.

• Content throughout the text and in Appendix B now reflects the latest changes made in the PMP exam. Most of these updates address the most recent updates throughout the PMBOK® Guide and demonstrate how professional responsibility questions have changed.

• This edition provides an entire new chapter (Ch. 13) Project Stakeholder Management. The 2012 PMBOK® Guide made project stakeholder management a new knowledge area to emphasize its importance.

• Up-to-date research on trends in project management and IT applications development, new examples of projects that went right and wrong, and updated end of chapter materials to include discussion questions and exercises.

• A new Agile case added to Chapter 3 familiarizes students with this quick-paced project management method for software projects.

• New, updated examples from familiar, leading organizations illustrate information technology project management in action.

Table of Contents
1. Introduction to Project Management.
2. The Project Management and Information Technology Context.
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Other Available CTE Bundle Option:
Information Technology Project Management with CourseMate, 7th Edition. 978-981-4601320

About the Author
Kathy Schwalbe is a professor in the Department of Business Administration at Augsburg College in Minneapolis. Dr. Kathy Schwalbe teaches courses in project management, problem solving for business, systems analysis and design, information systems projects, and strategic technology. She has also served as an adjunct faculty member at the University of Minnesota, where she taught a graduate-level course in project management in the engineering department. A frequently requested speaker and consultant, Dr. Schwalbe provides training and consulting services to numerous organizations and addresses professionals at several conferences each year. She worked for ten years in industry before entering academia in 1991. Dr. Schwalbe is an active member of PMI. She was named Educator of the Year in 2011 by the Association of IT Professionals. She earned her Ph.D. in Higher Education at the University of Minnesota, her M.B.A. at Northeastern University’s High Technology MBA program, and her B.S. in mathematics at the University of Notre Dame.
Features and Benefits

- The authors incorporate clear, informative screen-shots 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.

Table of Contents

5. Accounting in ERP Systems.
6. Human Resources Processes with ERP.
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 & Co Davison Chemical Division.
Features and Benefits

- This market leader continues to deliver solid coverage of such emerging and expanding issues as first mover advantage and alternative revenue strategies, the use of smart phones in online business, the role of branding in online sales, social networking, mobile commerce, developments in microlending, online customer relationship management tools, and much more.
- Using actual business cases—such as those found in the intriguing “Learning from Failure” boxed feature—the text captivates students with real-world examples of successful and unsuccessful online business strategies while offering insight into the struggles, accomplishments, and excitement of e-commerce.
- Expanded coverage illustrates how social media are effectively used in online marketing strategies.
- New discussions focus on emerging issues in technology-enabled outsourcing.
- The latest developments in online payment processing systems are covered in detail.

Table of Contents

PART I: INTRODUCTION.
1. Introduction to Electronic Commerce.

PART II: BUSINESS STRATEGIES FOR ELECTRONIC COMMERCE.

PART III: TECHNOLOGIES FOR ELECTRONIC COMMERCE.
8. Web Server Hardware and Software.

PART IV: INTEGRATION.

ABOUT THE AUTHOR

Gary Schneider is the William S. Perloth Professor of Accounting at Quinnipiac University. He previously held teaching appointments at the University of San Diego, the University of Tennessee, and Xavier University. The author of more than 50 books and 100 research papers, Dr. Schneider has written extensively on accounting and information systems topics with his work appearing in such journals as INTERFACES, IS AUDIT & CONTROL JOURNAL, and JOURNAL OF INFORMATION SYSTEMS. 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.
FEATURES AND BENEFITS

• This book has wide application in today’s information technology field. The author’s unique focus helps readers better understand the legal, ethical, and societal implications of information technology today.

• This unique text addresses a full range of ethical issues related to IT in substantial depth and detail. Information is directed specifically to the needs of the people who are primarily responsible for addressing ethical issues in the workplace: business managers and IT professionals.

• Manager’s Checklists offer students brief, helpful reminders of practical questions to ask and critical points to consider when making important business decisions.

• The Fifth Edition includes thoughtful coverage of key issues that are affecting IT professionals and influencing professional ethics, such as IT roles with the greatest opportunity for employment in 2012-2016, cloud computing, virtualization, cyber-terrorism and hacktivism, and privacy in relation to big data applications.

• The Fifth Edition offers more—and more varied—end-of-chapter exercises to encourage critical application of chapter concepts. Students will practice principles they’ve learned with revised Self-Assessment Questions, Discussion Questions, and What Would You Do? features, while updated cases based on real business scenarios include questions to check understanding.

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1. An Overview of Ethics.
2. Ethics for IT Professionals and IT Users.
3. Computer and Internet Crime.
4. Privacy.
5. Freedom of Expression.
7. Software Development.
8. Social Networking.

ABOUT THE AUTHOR

Professor George Reynolds brings a wealth of computer and industrial experience to this book. He combines more than 30 years’ experience working in government, institutional, and commercial IS organizations with exceptional teaching skills to deliver a text that is both practical and focused on the needs of today’s students. Professor Reynolds currently serves as assistant professor in the Computer Information Systems department at Strayer University. He has also taught IS at the University of Cincinnati, Xavier University (Ohio), Miami University, and College of Mount St. Joseph.
Features and Benefits

• Designed to give students majoring in information systems the appropriate level and coverage of technical topics.

• Updated technology coverage, including multiprocessor and multicomputer architecture, virtualization, and cloud computing.

• Expanded coverage of network and system security issues.

• Revised end-of-chapter material covers all key technologies.

• Background material is presented in simple terms yet emphasizes a managerial, broad systems perspective for a holistic approach to both hardware and software.

• Business Focus and Technical Focus sections in chapters provide concrete examples of current technologies and related managerial issues.

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9. Computer Networks
10. Application Development
11. Operating Systems
12. File and Secondary Storage Management
13. Internet and Distributed Application Services
14. System Administration
Appendix: Measurement Units

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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