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Autumn 2007
Success in Accounting is just a click away...

With WileyPLUS, students and instructors will experience success in the classroom.

When students succeed—when they stay on-task and make the breakthrough that turns confusion into confidence—they are empowered to realize the possibilities for greatness that lie within each of them. Our goal is to create an environment where students reach their full potential and experience the exhilaration of academic success that will last them a lifetime. WileyPLUS helps to reach that goal.

WileyPLUS is an online suite of resources—including the complete text—that will help students:
* come to class better prepared for lectures
* get immediate feedback and context-sensitive help on assignments and quizzes
* track progress throughout the course

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85% of students surveyed said it improved their understanding of the material.

82% of students surveyed said it made them better prepared for tests.
Instructors, looking for a better way to manage homework? Want to save time preparing for lectures? Would you like to help students develop stronger problem-solving skills? If so, eGrade Plus has the answer you need.

eGrade Plus offers an integrated suite of teaching and learning resources, including an online version of Weygandt, Kieso, and Kimmel's Financial Accounting, Fifth Edition, in one easy-to-use website. Organized around the essential activities you perform in class, eGrade Plus helps you:

- Create class presentations using a wealth of Wiley-provided resources. You may easily adapt, customize, and add to this content to meet the needs of your course.
- Automate the assigning and grading of homework or quizzes by using Wiley-Provided question banks, or by writing your own. Student results will be automatically graded and recorded in your gradebook.
- Track your students' progress An instructor's gradebook allows you to analyze individual and overall class results to determine each student's progress and level of understanding.
- Administer your course eGrade Plus can easily be integrated with another course management system, gradebook, or other resources you are using in your class.
- Provide students with problems-Solving support eGrade Plus can link homework problems to the relevant section of the online text, providing context-sensitive help.


"If you are teaching a debit/credit centered financial accounting principles class there is not a better written or organized text. Believe me I have looked. The supporting materials for instructors [are] also terrific."
--Nancy Snow, University of Toledo

"The textbook is well written with good examples and homework problems. This book is easy to understand, but is rigorous in its coverage of accounting issues."
--Paul Brazina, La Salle University, Philadelphia

"Best presentation of material in the industry. In addition, Financial, Managerial and Intermediate all flow together for greater coverage and comprehension."
--Vince Enslein, Clinton Community College

Key Features
- WileyPLUS gives instructors the technology they need to create an environment where students can reach their full potential and experience academic success.
- New Accounting Across the Organization features place accounting issues within the context of students' majors.
- Updated with expanded content on Sarbanes-Oxley and Corporate Governance.
- New Comprehensive Problems combine concepts across chapters.
- A new Continuing Cookie Chronicle problem traces the growth of an entrepreneurial venture and enables students to apply their newly acquired accounting skills.
- Identifies the tools students will need to make real business decisions.
- Provides balanced coverage of the accounting cycle at a level that is appropriate to what students need in the business world.
- Emphasizes the accounting experiences of real high-profile companies, such as Tootsie Roll, Microsoft, Nike, and Intel.
Recognizing that most students will pursue careers as managers not accountants, Managerial Accounting omits topics of less importance and concentrates on the key accounting concepts that managers need to understand in order to make successful, informed decisions. Managerial Accounting focuses attention on decision making through incremental analysis and performance measurement. Students are motivated to learn managerial accounting by connecting concepts and techniques to the real world; using real cases and real manager's comments on real company issues. Students and instructors alike have praised this text's clear and concise writing style, to-the-point discussions, illustrated ideas, and examples that are presented to make ideas concrete.
AC0800 Intermediate Accounting

Donald E. Kieso, Jerry J. Weygandt, Terry D. Warfield

PhD

INTERMEDIATE ACCOUNTING, 12TH EDITION


The Gateway to the Profession

99% of surveyed practicing accountants feel that Kieso, Weygandt, and Warfield’s Intermediate Accounting helped prepare them for success in professional practice.

100% would recommend the text to someone currently studying for an accounting degree.

80% said they referred to their copy when they first entered professional practice.

Professionals who learned accounting from Intermediate Accounting find themselves well prepared to enter the workplace. So well prepared in fact, that many keep their copy of the text to refer to again and again. Why is this text so essential for professional success?

* Currency--This 12th edition of Intermediate Accounting reflects the state-of-the-art in accounting today. The text is kept current with the Intermediate Accounting Newsletter, a periodical for users of the text that spotlights the very latest developments and their implications.

* Real-world examples and illustrations--Numerous examples from real corporations help you understand exactly how professionals apply accounting principles and techniques. International Insight notes compare accounting practices in other countries.


* Comprehensive and clear explanations of concepts--The authors’ clear writing style and logical organization help you understand the material.

AC1500 Cost Accounting

Leslie G. Eldenburg, Susan K. Wolcott

COST MANAGEMENT

MEASURING, MONITORING, AND MOTIVATING PERFORMANCE

978-0-471-20549-4/0-471-20549-4 752 2005

“Cost Management” was written in response to changes in the global business environment. Unbridled access to information and intense competition has meant that cost accounting has become an increasingly important tool for managers and accountants alike. Most textbooks focus on content knowledge and then expect students to ‘magically’ demonstrate skills such as decision-making and critical thinking. “Cost Management” better prepares students for professional success by bridging the gaps between Knowledge, Skills and Abilities.

Many students fail to recognize the assumptions, limitations, behavioral implications and qualitative factors that influence managerial decision-making. The dynamic, new author team focuses on cost accounting methods, techniques and the quality of cost accounting information used for decision-making to deliver a thoroughly modern treatment of cost accounting topics.

The textbook is written in a style that is accessible to students and proactive about addressing the challenges that instructors and students face in their teaching and learning endeavors by utilizing features such as a decision-making framework, realistic examples, guide your learning boxes, real ethical dilemmas, self-study problems and unique problem material structured to encourage students to think about accounting problems and problem-solving more complexly.
BC0000
Biochemistry

BC0200 Biochemistry-2 semester
Donald Voet, Judith G. Voet, Charlotte W. Pratt

FUNDAMENTALS OF BIOCHEMISTRY, 2ND EDITION
LIFE AT THE MOLECULAR LEVEL

This text uses a more brief and qualitative approach to present biochemistry with chemical rigor, focusing on the structures of biomolecules, chemical mechanisms, and evolutionary relationships. It is written to impart a sense of intellectual history of biochemistry, an understanding of the tools and approaches used to solve biochemical puzzles, and a hint of the excitement that accompanies new discoveries. This edition has been thoroughly updated to reflect the most recent advances in biochemistry, particularly in the areas of genomics and structural biology. A new chapter focuses on cytoskeletal and motor proteins, currently one of the most active areas of research in biochemistry.

BC0300 Biochemistry-1 semester
Charlotte W. Pratt, Kathleen Cornely

ESSENTIAL BIOCHEMISTRY
978-0-471-39387-0/0-471-39387-8 784 2004

This new biochemistry text features a modern, chemical approach, always explaining the underlying chemistry of key biochemical molecules and reactions while taking advantage of recent developments. Features a true thematic and modern approach with a strong emphasis on research.
* Retains core topics of biochemistry, using real examples of chemical reactions and molecular structures.
* Emphasis on depth of coverage, rather than breadth.
* Integrated media provides review of difficult concepts, molecular structure tutorials, and interactive animations.
Thomas M. Devlin

Textbook of Biochemistry with Clinical Correlations, 6th Edition

Thomas M. Devlin's Textbook of Biochemistry with Clinical Correlations presents the biochemistry of mammalian cells, relates events at a cellular level to the subsequent physiological processes in the whole animal, and cites examples of human diseases derived from aberrant biochemical processes. The organization and content are tied together to provide students with the complete picture of biochemistry and how it relates to humans. Loaded with new material and chapters and brimming with detailed, full-color illustrations that clearly explain associated concepts, this sixth edition is an indispensable tool for students and professionals in the medical or health sciences.

Key Features of the Sixth Edition:
* Over 250 Clinical Correlations highlighting the significance of the biochemistry to clinical conditions and diseases
* MCAT-Style Questions with annotated answers in every chapter - in a format similar to that used by the National Board of Medical Examiners
* More than 1,200 high-quality, full-color illustrations
* A concise appendix reviewing important Organic Chemistry Concepts

New to the Sixth Edition:
* Fully Updated with a significant revision of all chapters and major topics
* Two new chapters: Fundamentals of Signal Transduction and Cell Cycle, Programmed Cell Death, and Cancer
* A Glossary that explains important biochemical terms

New sections on the Basal Lamina Protein Complex and Molecular Motors

BG0000

Biology

BG0100 Human Anatomy and Physiology

Gerard J. Tortora, Bryan H. Derrickson

Principles of Anatomy and Physiology, 11th Edition

The eleventh edition of Principles of Anatomy and Physiology marks a new milestone in the publication of the phenomenally successful Principles of Anatomy and Physiology. Bryan Derrickson of Valencia Community College in Orlando, Florida joins Jerry Tortora as a co-author, bringing his background and expertise in physiology in balance with Jerry's focus on anatomy. The authors have maintained in the text the superb balance between structure and function and continue to emphasize the correlations between normal physiology and pathophysiology, normal anatomy and pathology, and homeostasis and homeostatic imbalances. The acclaimed illustration program is now even better thanks to the input of hundreds of professors and students and the re-development of many of the figures depicting the toughest topics for students to grasp. The eleventh edition now fully integrates this exceptional text with a host of innovative electronic media, setting the standard once again for a rewarding and successful classroom experience for both students and instructors.
Written by a team of highly acclaimed authors, Anatomy & Physiology: From Science to Life arms readers with the knowledge and detail they'll need to move forward in their allied health careers. Instead of focusing on memorization, this book integrates text and illustrations that emphasize critical thinking, conceptual understanding, and relevant application of knowledge. It also effectively blends the use of print and media to bring the content to life. Readers will find that the material is presented in a more conceptually, relevant manner than other books in the market.

Introduction to the Human Body has provided countless readers with a strong understanding of the structure and function of the human body. Now in its much-anticipated seventh edition, this book presents the latest information in the field combined with an effective blend of stunning art and clearly written concepts. It approaches the study of the human body system by system, beginning with a look at the integumentary system. Readers will also benefit from the popular features that are integrated throughout the pages, such as Focus on Wellness Essays, Common Disorders, Focus on Homeostasis, and Clinical Applications. These are powerful learning tools that help make important concepts easier to understand.
BG0300 Laboratory for Anatomy and Physiology

Connie Allen, Valerie Harper

LABORATORY MANUAL FOR ANATOMY AND PHYSIOLOGY, 2ND EDITION


Praise for Allen & Harper's Laboratory Manual for Anatomy and Physiology

"Connie Allen and Valerie Harper...have done an excellent job of preparing an A & P lab manual that students will appreciate and instructors will find easy to teach."
--Moges Bizuneh, Ivy Tech State College - Indianapolis

"I am very impressed with the quality and the readability of this lab manual."
--Karen K. McLellan, Indiana University-Purdue University Fort Wayne

"...this lab manual is an excellent one. It is well-written, has just the right amount of written text, and contains very good illustrations, photos, lab activities and questions."
--Janet Lichti, Ivy Tech State College - Lafayette

BG0400 Human Anatomy

Gerard J. Tortora

PRINCIPLES OF HUMAN ANATOMY, 10TH EDITION

978-0-471-42081-1/0-471-42081-6 992 2005

Principles of Human Anatomy, 10e once again sets the standard for a rewarding and successful classroom experience for both instructors and students. The highly praised illustration program is enhanced with numerous newly drawn figures, micrographs, and photographs. All-new system overview inserts, which highlight the multitude of imaging techniques used to view and understand human structure, provide an even stronger visual impact. The succinctly written narrative is perfectly keyed to the many illustrations and continues to be supported by a host of carefully crafted pedagogical aids. Responding to feedback from students and instructors, the author has carefully reorganized the content to provide a better continuity of concepts throughout the text.
Designed for a one or two semester non-majors course in introductory biology taught at most two and four-year colleges. This course typically fulfills a general education requirement, and rather than emphasizing mastery of technical topics, it focuses on the understanding of biological ideas and concepts, how they relate to real life, and appreciating the scientific methods and thought processes. Given the authors’ work in and dedication to science education, this text’s writing style, pedagogy, and integrated support package are all based on classroom-tested teaching strategies and learning theory. The result is a learning program that enhances the effectiveness & efficiency of the teaching and learning experience in the introductory biology course like no other before it.

Nancy L. Pruitt, Larry S. Underwood

BIOINQUIRY, 3RD EDITION

MAKING CONNECTIONS IN BIOLOGY


From its inception, this NSF-sponsored learning system was hailed as a welcome departure from traditional approaches, both in terms of organization and delivery of content. BioInquiry tells the story of the process of science, and so is organized to trace scientists’ journey to biological understanding, beginning with Darwin and evolution. The Third Edition’s unique integration of multimedia - developed in tandem with the text and designed to provide additional dimension to key topics - is now seamlessly housed in the powerful engine of Egrade Plus. The result is an integrated product that presents a more realistic approach to what non-science majors need to be informed citizens and scientifically literate consumers of information.
Based on a partnership between Wiley and the rich resources of The National Geographic Society, this book presents the important concepts of human biology as they relate to the world we live in. It stresses the role of the human in the environment throughout, ensuring that topics such as evolution, ecology and chemistry are introduced in a non-threatening and logical fashion. This approach stimulates the reader to ask questions and pursue knowledge for the sheer fun of it.

For more than two decades, Botkin has been active in the application of ecological science to environmental management. Updated and revised to include the latest research in the field, the new Sixth Edition of *Environmental Science* continues to present a balanced analytical and interdisciplinary approach to the field. This approach equips readers with a solid scientific background in environmental science, so they can think through environmental issues and make their own decisions. Five central themes are woven throughout the book: Human Population Growth, Sustainability, A Global Perspective, An Urban World, and Science and Values.
Raven's Environment, 5th Edition is a most accessible, yet detailed, environmental science text. The text provides numerous examples and opportunities for readers to explore issues at a local level.

Covering the enormous environmental challenges facing our world today, the new fifth edition of The Environment helps readers think critically about these issues and understand the concepts that underlie environmental problems. Rather than telling readers what to think, the book provides the information and tools they need to reach their own conclusions. It offers solid scientific content balanced with effective and current examples of problems and solutions.

* Introduces the reader to ecosystems, the physical environment, and Earth's biomes.
* Examines the problems of overpopulation as well as environmental concerns such as air pollution and the pesticide dilemma.
* Presents real-life case studies that offer in-depth analyses of actual situations.
* Includes 'You Can Make a Difference' boxes in each chapter to help readers take an active role in improving the environment.
* Offers additional information on a website devoted to further examining critical environmental issues that will help readers make environmentally responsible choices.
This photo of Escherichia coli being attacked by bacteriophages highlights rapidly developing technologies for using phages to treat antibiotic resistant infections without destroying normal resident bacteria, and without side effects. Phages are also being used to detect and remove pathogens from our food supplies, both plant and animal. Also exciting is the use of phages as vehicles to delivery DNA vaccines, often directly to mammalian immune system cells. Recent work also suggests possible antitumor effects of phages. We stand on the edge of a whole new world of exploration and applications of microbiology.

For over 20 years, and through five editions, Black's Microbiology: Principles and Explorations has captured students' imaginations. Her enthusiasm, passion, and knack for memorable stories and anecdotes bring the study of microbiology to life in a way few other texts can match.

Now updated to reflect the latest topics in the field (e.g., SARS, bioterrorism, GMO's, geomicrobiology) and accompanied by state-of-the-art animations of key concepts, this new edition is sure to help inspire a new generation of enthusiasts for the dynamic science of microbiology.

Critical Acclaim
"I continue to find Black's text an excellent contribution to undergraduate Microbiology education." --Karen Messley, Rock Valley College

"I like the conversational and informal style Black adopts throughout the book. This is a book, which could very well engage even the most reluctant student. It is comprehensive, nicely detailed, and incorporates many aids to teaching and learning..."--Iris Cook, Westchester CC

"[The text] is a wonderful introduction into the world of microorganisms for students from a wide variety of backgrounds."--Jeff G. Leid, Northern Arizona University

"...I have found it [the book] accurate to a fault, brilliant at getting students motivated and interested in microbiology, and a great practical training book."--Gerard O'Donovan, University of North Texas

Also available
Laboratory Exercises in Microbiology, 2nd Edition
Robert A. Pollack, et al

Written specifically for allied health students, this lab manual presents a variety of highly engaging activities and experiments that convey the basic concepts of microbiology.
Nutrition: Everyday Choices provides students with the decision-making skills needed throughout their lifespan to navigate the myriad of choices they will face in promoting their good health and in preventing disease. A critical thinking approach and a solid underpinning of the process of science empowers students to be knowledgeable consumers when faced with diverse information about emerging diseases such as SARS, biotech foods and gene therapy. As students apply the thought processes and decision-making skills learned throughout the course, they come to understand that there are not "good" foods and "bad" foods, but rather that each choice is only part of an overall healthy diet and that it is the sum of those choices that determines good nutrition.

BG2200 Cell Biology

Gerald Karp

Cell and Molecular Biology, 5th Edition

Concepts and Experiments

For sophomore/junior-level courses in cell biology offered out of molecular and/or cell biology departments. Cell and Molecular Biology gives students the tools they need to understand the science behind cell biology. Karp explores core concepts in considerable depth, and presents experimental detail when it helps to explain and reinforce the concept being explained. This fifth edition continues to offer an exceedingly clear presentation and excellent art program, both of which have received high praise in prior editions.
In the rapidly advancing science of genetics, currency and accuracy are critical in any book. This book presents the most up-to-date developments in genetics as well as the fundamental principles. It stresses how genetics is done and provides historical and biographical insights to the people and events that have made genetics a pre- eminent science. The new edition incorporates organizational changes to make the book more modern, including earlier DNA coverage. A new design also highlights numerous practice problems that help reinforce important concepts.

* Provides a comprehensive and balanced view of both Classical Mendelian topics and modern Molecular topics.
* Incorporates the latest findings from Genomics and Proteomics.
* Includes numerous high-quality illustrations with stepped-out art to help readers visualize complex processes.
* Offers the analytical tools that readers will need for problem solving.

Learning the fundamentals of chemistry can be a difficult task to undertake. The market leader for 35 years, Foundations of College Chemistry has helped countless readers master the chemistry skills they need to succeed. The book is known for its accuracy and direct writing style. Hein follows a step-by-step approach to problem solving with alternate methods of solution when appropriate. The new 12th edition has also been updated throughout with the latest information in the field.
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Reach your peak with Hein/Best/Pattison/Arena! Now updated and revised, Hein, Best, Pattison, and Arena's highly successful text provides a strong foundation for a future career in allied health or nursing—a foundation built on fundamental principles and solid problem-solving skills.

Recent developments and advances in the field: The new edition is revised and updated throughout, particularly in the area of biochemistry. Cutting-edge topics include cancer chemotherapy, programmed cell death, and herbal dietary supplements.

Strong general chemistry coverage: Hein, Best, Pattison, and Arena offer the most thorough general chemistry coverage in any general, organic, and biochemistry text.

An emphasis on problem-solving skills: Throughout the focus is on problem solving over rote memorization. The text provides a variety of exercises, including new practice exercises and end-of-chapter exercises, as well as challenge exercises and worked examples.

A clear, engaging, and highly accessible presentation: The authors skillfully anticipate areas of difficulty and pace the text accordingly. The new edition is even more student friendly with improved explanations, a new design, and an updated illustration program with new molecular art.

Real-world relevance: The text relates chemistry to everyday life. Several new Chemistry in Action essays discuss the impact of chemistry in a variety of applications.

Additional support for students:
- eGrade (online): homework management and additional opportunities for practice.
- Interactive LearningWare (online): A step-by-step problem-solving tutorial with over 40 interactive problems.
- Student Solutions Manual (0-47-141139-3): Solutions to all end-of-chapter questions & Exercises.
- Lab Manual (0-471-45194-0): 48 experiments, 6 study aids, 26 exercises, and appendices.
A whole new twist on General, Organic and Biological Chemistry!

Introducing a unique approach, with a whole new twist designed for the specific needs of the General, Organic, and Biochemistry course! Kenneth Raymond's General, Organic, and Biological Chemistry offers a concise, manageable, highly effective alternative with an integrated Table of Contents. Now, students can get to the biochemistry topics earlier, better appreciate how the course relates to careers in allied health, and see connections among these three areas of chemistry.

Here's how Raymond's approach works:

1. Integration.

The text presents interrelated topics from general, organic, and biochemistry in the same or adjacent chapters. This highly integrated approach reduces excess review, and enables students to explore biochemical topics earlier in the course. The result is a briefer, more focused, and more engaging text.

2. Applications.

Raymond takes a very applied approach, filled with real-life examples that effectively connect the chemistry to future careers in health-related fields. Chapter-opening vignettes focus on the link between chemistry and everyday topics.

3. Relevance.

Online videos and articles from ScienCentral connect the chemistry presented in the text to current events.

4. Brief and accessible.

Concise, readable chunks of text make the book accessible for a wide range of students.
The student-friendly style of the book makes the content accessible without sacrificing either breadth or depth of coverage. The text's informal writing style, emphasis on problem solving, and state-of-the-art media package make this book an ideal fit at schools with large class sizes and a wide range of student abilities and backgrounds. The authors' goal was to create a complete package (text + media + supplements) which would challenge the better-prepared students and provide support to the lesser-prepared students, giving ALL students a chance to succeed. James welcomes a new co-author Fred Senese, Frostburg State University, the creator of the award-winning General Chemistry Online and Ask Antoine (the most hit general chem web resource in the world with over 15 million hits/year). In addition to creating the new Brady/Senese website, he has also worked with Jim Brady to do significant revisions in the text.

New scientific discoveries do not usually begin with models; they begin with data and a spirit of intellectual curiosity. In much the same way, Spencer, Bodner, and Rickard's Chemistry: Structure & Dynamics, Third Edition presents data, and challenges students to derive the models. Built on the recommendations of the American Chemical Society's Task Force on the General Chemistry Curriculum, this innovative approach helps students get a feel for how chemists approach problems in the real world.

This Third Edition is now revised with a new chapter on materials science and increased coverage of nuclear chemistry.

Here's how it works:
* Data-driven approach: Unlike traditional books that present theory, questions, and then applications, this text starts with the data and derives the theory from it. Students start with observations, just like scientists.
* Concise, flexible format: The text is briefer than most current general chemistry texts. Coverage focuses on the core topics of general chemistry, with optional coverage of special topics also available.
* An emphasis on core themes: These themes include the process of science, the relationship between molecular structure and physical/chemical properties, and the relationship between the microscopic and macroscopic levels.
Every morning many of us are energized by a cup of coffee. Imagine if you were as energized by understanding the chemistry in your morning cup—from the coffee trees, which fill red coffee berries with caffeine and a variety of other chemical substances, to the feathery crystals formed by the caffeine molecules, to the decaffeinating machines, which use liquid solvents to remove this stimulant from some of the beans. Now, that's real chemical understanding!

Olmsted and Williams' Fourth Edition of Chemistry focuses on helping you see and think about the world (and even your coffee) as a chemist. This text helps you understand how chemical phenomena are governed by what happens at the molecular level, apply critical thinking skills to chemical concepts and problems, and master the basic mathematical techniques needed for quantitative reasoning. You'll see the world as chemists do, and learn to appreciate the chemical processes all around us.

A Fourth Edition with a lot of new perks!
* Revisions include a new, early energy chapter; revised coverage of bonding; expanded coverage of intermolecular forces; and increased coverage of multiple equilibria, including polyprotic acids.
* New pedagogy strengthens students' critical thinking and problem-solving skills.
* Visual Summaries at the end of each chapter use molecular and diagrammatic visual elements to summarize essential skills, concepts, equations, and terms.
* eGrade Plus provides an integrated suite of teaching and learning resources, including a complete online version of the text, links between problems and relevant sections in the online text, practice quizzes, the Visual Tutor, Interactive LearningWare problems, and lab demos, as well as homework management and presentation features for instructors.

Readers will find that this highly acclaimed book offers a balanced approach to functional groups and mechanisms. The clear, accessible presentation of key concepts will help them master basic skills. Throughout the pages, the focus is placed on the important ideas of organic chemistry and backs them up with illustrations and challenging problems. The new ninth edition also incorporates more biomedical examples and modern reactions, as well as integrated media for practice and assessment.
This book enables readers to see the connections in organic chemistry and understand the logic.

- Reaction mechanisms are grouped together to reflect logical relationships.
- Discusses organic chemistry as it is applied to real-world compounds and problems.
- Electrostatic potential plots are added throughout the text to enhance the recognition and importance of molecular polarity.
- Presents problems in a new “Looking-Ahead” section at the end of each chapter that show how concepts constantly build upon each other.
- Converts many of the structural formulas to a line-angle format in order to make structural formulas both easier to recognize and easier to draw.

- Authors combine professional and academic experience to offer the most relevant introduction to programming and C++
- Offers comprehensive examination of computer science, programming principles, and the C++ language
- Covers advanced C++ topics, such as operator overloading, memory management, polymorphism, and more
- Thorough coverage of STL
- Integration of current technologies, such as UML and patterns
CX0500 Intro To CS - Java Programming

Jaime Nino, Frederick A. Hosch

AN INTRODUCTION TO PROGRAMMING AND OBJECT-ORIENTED DESIGN USING JAVA, 2ND EDITION


Nino and Hosch have updated their popular introductory text that provides an objects first introduction to programming and software design using Java. The emphasis throughout is on problem modeling using fundamental software engineering principles and concepts. Java used as a vehicle for teaching these topics. New constructs and features of Java 5.0, such as generics, are introduced. The text includes optional, interactive exercises using the DrJava integrated development environment (IDE). The UML is employed (very informally) for denoting objects, object relationships, and system dynamics. No specific previous programming experience is assumed, and the text is appropriate for first year computer science majors. The text could also carry over to a second course on data structures or software/OO design.

About DrJava: DrJava is an IDE designed primarily for students and includes an easy to use facility for interactively evaluating Java code. Optional DrJava exercises are included throughout the text if instructors want their students doing more programming. DrJava is the IDE chosen by the authors, but any IDE can be used for these exercises.

This update of the text provides Java code in newly released Version 5.0.

Cay S. Horstmann

BIG JAVA, 3RD EDITION


No one brews up a better Java guide than Cay Horstmann and in this Third Edition of Big Java he’s perfected his recipe. Thoroughly updated to include Java 6, the Third Edition of Horstmann’s bestselling text helps you absorb computing concepts and programming principles, develop strong problem-solving skills, and become a better programmer, all while exploring the elements of Java that are needed to write real-life programs.

A top-notch introductory text for beginners, Big Java, Third Edition is also a thorough reference for students and professionals alike to Java technologies, Internet programming, database access, and many other areas of computer science.

Features of the Third Edition:
* The ‘Objects Gradual’ approach leads you into object-oriented thinking step-by-step, from using classes, implementing simple methods, all the way to designing your own object-oriented programs.
* A strong emphasis on test-driven development encourages you to consider outcomes as you write programming code so you design better, more usable programs.
* Helpful "Testing Track" introduces techniques and tools step by step, ensuring that you master one before moving on to the next.
* New teaching and learning tools in WileyPLUS—including a unique assignment checker that enables you to test your programming problems online before you submit them for a grade.
* Graphics topics are developed gradually throughout the text, conveniently highlighted in separate color-coded sections.
* Updated coverage is fully compatible with Java 5 and includes a discussion of the latest Java 6 features.
Let Cay Horstmann teach you to think like a programmer!

If you really want to master Java, it's not enough to know the code. You must begin to think like a programmer, and in this newest edition of his bestselling guide, Java Concepts, programming guru Cay Horstmann shows you how.

Updated to integrate Java 6, Java Concepts, Fifth Edition introduces you to fundamental programming techniques and design skills that are crucial to learning how to program. Drawing on his many years of experience as an expert programmer and teacher, Horstmann brings out the most important elements of computing, problem solving, and program design.

Thanks to Horstmann's proven formula, you'll complete this book with a thorough grounding in programming concepts and problem-solving and get quickly up to speed writing efficient and successful programs.

Features of the new Fifth Edition:
* The 'Objects Gradual' approach leads you into object-oriented thinking step-by-step, from using classes, implementing simple methods, all the way to designing your own object-oriented programs.
* A strong emphasis on test-driven development encourages you to consider outcomes as you write programming code so you design better, more usable programs.
* Unique approach goes beyond language syntax to focus on computer science concepts and problem solving, encouraging you to think as a problem solver.
* New teaching and learning tools in WileyPLUS--including a unique assignment checker that enables you to test your programming problems online before you submit them for a grade.
* Helpful "Testing Track" introduces techniques and tools step by step, ensuring that you master one before moving on to the next.
* Graphics topics are developed gradually throughout the text, conveniently highlighted in separate color-coded sections.
* Updated coverage is fully compatible with Java 5 and includes a discussion of the latest Java 6 features.
This text is an exploration into computer science, programming principles and advanced features of the Java language. The text is useful for anyone interested in learning or reinforcing introductory programming concepts and beginning to take advantage of many of the exciting attributes of the Java language. Now updated with Java 1.5, Big Java, Second Edition remains the definitive introduction to programming.

Horstmann, in his extensive teaching and industry experience, has always emphasized that those who truly want to study the discipline of Computer Science and the art of programming must, before writing a line of code, first learn to think like a problem solver. With this in mind, the first part of the text is focused not on programming as an abstract exercise, but on fundamental principles of programming and problem solving. Java is both the tool to be mastered and the key to understanding basic computer science concepts.

The second part of this text introduces advanced concepts of the Java programming language. Assuming an understanding of programming concepts at this point, the author offers the reader an in-depth look into how Java relates to searching and sorting, data structures, multithreading, networking, database connectivity, XML, and Java Server Pages.

In addition, the author also offers many reference resources in the appendices, including the Java Library, HTML, running applets, and number systems. Throughout the text, readers will find notes that cover historical and social aspects of computing and capsule introductions to advanced topics of computer science. These optional features provide valuable context for those interested in going more deeply into the subject.

Key Features
* Object-oriented approach.
* Data structures are presented in the context of software design principles.
* 20 case studies reinforce good programming practice.
* Problem-solving methodology used throughout... "Think, then code!"
* Emphasis on the C++ Standard Library.
* Effective pedagogy.

"It is a practical book with emphasis on real problems the programmers encounter daily."
--Dr. Tim H. Lin, California State Polytechnic University, Pomona

"My overall impressions of this book are excellent. This book emphasizes the three areas I want: advanced C++, data structures and the STL and is much stronger in these areas than other competing books."
--Al Verbanec, Pennsylvania State University

Think, Then Code

When it comes to writing code, preparation is crucial to success. Before you can begin writing successful code, you need to first work through your options and analyze the expected performance of your design. That's why Elliot Koffman and Paul Wolfgang's Objects, Abstraction, Data Structures, and Design: Using C++ encourages you to Think, Then Code, to help you make good decisions in those critical first steps in the software design process.

The text helps you thoroughly understand basic data structures and algorithms, as well as essential design skills and principles. Approximately 20 case studies show you how to apply those skills and principles to real-world problems. Along the way, you'll gain an understanding of why different data structures are needed, the applications they are suited for, and the advantages and disadvantages of their possible implementations.

Key Features
* Object-oriented approach.
* Data structures are presented in the context of software design principles.
* 20 case studies reinforce good programming practice.
* Problem-solving methodology used throughout... "Think, then code!"
* Emphasis on the C++ Standard Library.
* Effective pedagogy.
Michael T. Goodrich, Roberto Tamassia, David M. Mount

DATA STRUCTURES AND ALGORITHMS IN C++
978-0-471-20208-0/0-471-20208-8 704 2004

* Provides a comprehensive introduction to data structures and algorithms, including their design, analysis, and implementation
* Each data structure is presented using ADTs and their respective implementations
* Helps provide an understanding of the wide spectrum of skills ranging from sound algorithm and data structure design to efficient implementation and coding of these designs in C++

Wiley Higher Education

CX1500 Data Structures - CSII W/ Java

Elliot B. Koffman, Paul A. T. Wolfgang

OBJECTS, ABSTRACTION, DATA STRUCTURES AND DESIGN USING JAVA

* A revolutionary book that intertwines problem solving and software engineering with the study of traditional data structures topics
* Promotes a five-step methodology to limit program errors and increase efficiency: problem specification, analysis, design, implementation, and testing
* The Java Application Programming Interface (API) is used throughout and wherever possible, the specification and interface for a data structure follow the Java Collections Framework
Fundamental data structures in a consistent object-oriented framework

Now revised to reflect the innovations of Java 5.0, Goodrich and Tamassia's Fourth Edition of Data Structures and Algorithms in Java continues to offer accessible coverage of fundamental data structures, using a consistent object-oriented framework. The authors provide intuition, description, and analysis of fundamental data structures and algorithms. Numerous illustrations, web-based animations, and simplified mathematical analyses justify important analytical concepts.

Key Features of the Fourth Edition:
* Updates to Java 5.0 include new sections on generics and other Java 5.0 features, and revised code fragments, examples, and case studies to conform to Java 5.0.
* Hundreds of exercises, including many that are new to this edition, promote creativity and help readers learn how to think like programmers and reinforce important concepts.
* New case studies illustrate topics such as web browsers, board games, and encryption.
* A new early chapter covers Arrays, Linked Lists, and Recursion.
* A new final chapter on Memory covers memory management and external memory data structures and algorithms.
* Java code examples are used extensively, with source code provided on the website.
* Online animations and effective in-text art illustrate data structures and algorithms in a clear, visual manner.

Access additional resources on the web www.wiley.com/college/goodrich):
* Java source code for all examples in the book
* Animations
* Library (net.datastructures) of Java constructs used in the book
* Problems database and search engine
* Student hints to all exercises in the book
* Instructor resources, including solutions to selected exercises
* Lecture slides
CX3900 Object-Oriented Programming

Cay S. Horstmann

OBJECT-ORIENTED DESIGN AND PATTERNS, 2ND EDITION


An object-oriented design text that's student oriented too!

Now updated to reflect the innovations of Java 5.0, Cay Horstmann's Object-Oriented Design & Patterns, 2nd Edition continues to offer a student-oriented guide to object-oriented design.

Drawing from his extensive experience as a programmer and teacher, Horstmann helps you appreciate the value of object-oriented design principles, and gives you a context for applying these principles and techniques in your own designs. Throughout the text, outstanding pedagogy, carefully developed exercises and examples, and a strong emphasis on problem solving make object-oriented design principles accessible to readers with limited programming experience.

Cay Horstmann's Object-Oriented Design & Patterns, 2nd Edition:
* Integrates the use of Java 5.0 constructs throughout, including generics and the java.util.concurrent library.
* Presents high-interest examples, including ones from the Java 5.0 library and user-interface programming.
* Uses concepts such as interfaces, inner classes, reflection, and multithreading to introduce advanced Java language concepts.
* Encourages you to master topics in object-oriented design, user-interface programming, and practical software development techniques.
* Illustrates design patterns and their application using the Swing user interface toolkit and the Java collections library.
* Introduces programming tools such as BlueJ, javadoc, and JUnit.
* Provides a crash course in Java for readers who know C++.

CX9000 Operating Systems

Abraham Silberschatz, Peter Baer Galvin, Greg Gagne

OPERATING SYSTEMS CONCEPTS WITH JAVA, 6TH EDITION

978-0-471-48905-4/0-471-48905-0 976 2004

- Book previously known as Applied Operating System Concepts
- New edition provides readers with a clear description of the concepts that underlie operating systems
- Uses Java to illustrate ideas, fundamental concepts, and applications
- Includes numerous examples and up-to-date coverage of popular operating systems, including Linux and XP
Abraham Silberschatz, Peter Baer Galvin, Greg Gagne

OPERATING SYSTEM CONCEPTS WITH JAVA, 7TH EDITION

Get inside today’s most popular operating systems

How do today’s operating systems work? The award-winning team of Abraham Silberschatz, Peter Galvin, and Greg Gagne gets you right up to speed on all the key concepts of computer operating systems. Employing the familiar Java programming language, this new edition of their popular guide gives you a thorough theoretical foundation that you can apply to a wide variety of systems as you progress to the next level of your computer work.

Operating System Concepts with Java, Seventh Edition, has been updated to cover the most current topics and applications and designed to help you bridge the gap between concepts and implementations. Integrating the client-server model throughout, the text takes you step-by-step through all the major aspects of programming, including:

* Several new Java example programs including features in Java 5.
* Increased coverage of user perspective in Chapter 1.
* Increased coverage of OS design throughout.
* A new chapter on real-time and embedded systems (Chapter 19).
* A new chapter on multimedia (Chapter 20).
* Additional coverage of security and protection.
* Additional coverage of distributed programming.
* New exercises, programming assignments, and projects at the end of each chapter.
* New student-focused pedagogy and a new two-color design to enhance the learning process.
* Linux, Windows XP, Mac OS X, and other influential operating systems.

Whether you’re already adept at Java or new to it, you’ll appreciate the Java Primer that’s thoughtfully included. The two-color design makes it easier for you to navigate through the chapters, and a plethora of examples, programming exercises, and supplementary online tests and exercises (available through WileyPLUS) help you absorb and reinforce what you’ve learned. With such complete support, you’ll soon be ready to enter the world of operating systems design with confidence.

Abraham Silberschatz, Peter Baer Galvin, Greg Gagne

OPERATING SYSTEM CONCEPTS, 7TH EDITION

Another defining moment in the evolution of operating systems

Small footprint operating systems, such as those driving the handheld devices that the baby dinosaurs are using on the cover, are just one of the cutting-edge applications you’ll find in Silberschatz, Galvin, and Gagne’s Operating System Concepts, Seventh Edition. By staying current, remaining relevant, and adapting to emerging course needs, this market-leading text has continued to define the operating systems course. This Seventh Edition not only presents the latest and most relevant systems, it also digs deeper to uncover those fundamental concepts that have remained constant throughout the evolution of today’s operation systems. With this strong conceptual foundation in place, students can more easily understand the details related to specific systems.

New Adaptations

* Increased coverage of user perspective in Chapter 1.
* Increased coverage of OS design throughout.
* A new chapter on real-time and embedded systems (Chapter 19).
* A new chapter on multimedia (Chapter 20).
* Additional coverage of security and protection.
* Additional coverage of distributed programming.
* New exercises at the end of each chapter.
* New programming exercises and projects at the end of each chapter.
* New student-focused pedagogy and a new two-color design to enhance the learning process.
Help your students see the light.

With its myriad of techniques, concepts and formulas, business statistics can be overwhelming for many students. They can have trouble recognizing the importance of studying statistics, and making connections between concepts.

Ken Black’s fifth edition of Business Statistics: For Contemporary Decision Making helps students see the big picture of the business statistics course by giving clearer paths to learn and choose the right techniques.

Here’s how Ken Black helps students see the big picture:
* Video Tutorials—In these video clips, Ken Black provides students with extra learning assistance on key difficult topics. Available in WileyPLUS.
* Tree Taxonomy Diagram—Tree Taxonomy Diagram for Unit 3 further illustrates the connection between topics and helps students pick the correct technique to use to solve problems.
* New Organization—The Fifth Edition is reorganized into four units, which will help professor teach and students see the connection between topics.
* WileyPLUS—WileyPLUS provides everything needed to create an environment where students can reach their full potential and experience the exhilaration of academic success. In addition to a complete online text, online homework, and instant feedback, WileyPLUS offers additional Practice Problems that give students the opportunity to apply their knowledge, and Decision Dilemma Interactive Cases that provide real-world decision-making scenarios.

Learn more at www.wiley.co/college/wileyplus.

DS0000
Decision Science

DS0100 Business Statistics

Ken Black

BUSINESS STATISTICS, 5TH EDITION
FOR CONTEMPORARY DECISION MAKING

DS0300 Operations Management

Roberta (Robin) Russell, Bernard W. Taylor

OPERATIONS MANAGEMENT, 5TH EDITION
QUALITY AND COMPETITIVENESS IN A GLOBAL ENVIRONMENT

Featuring an ideal balance of managerial issues and quantitative techniques, this new Fifth Edition of Russell and Taylor’s comprehensive introduction to operations management keeps pace with current innovations and issues in the field, particularly those related to the impact of information technology and the global business environment on OM. The authors present the concepts clearly and logically, and help students see how OM relates to real business.

Russell and Taylor recognize that many students struggle with the quantitative material in their Operations Management course. That’s why their text offers extensive collection of exercises and solved problems, along with outstanding problem-solving support, including eGrade Plus. eGrade Plus links problems from the book to relevant sections in an online version of the text, and provides opportunities for practice and a quantitative survival guide.
Like the fish on the cover of this book, students sometimes face an uphill climb. To scale the ladder of success in this course, they will need strong, solid problem-solving skills.

This edition of Operations Management addresses this need with a new focus on problem-solving:
* Before You Begin sections accompany every solved problem to help students learn how to approach and attack problems
* Algorithmic Problems in WileyPLUS offer lots of practice
* Demonstration Problems in WileyPLUS Walk Students Through Problems and Their Solutions
* Special questions of use with Classroom Response Systems offer quick quantitative problems for students to practice techniques

Like the previous editions, this one takes an integrative approach to demonstrate the critical impact OM has on today's business environments. It clearly outlines for students how OM relates to every department in an organization. The new Third Edition also provides clear, focused, and highly engaging coverage of key operations management topics, and makes strong connections across concepts and chapters.

Dynamics: Analysis and Design of Systems in Motion, by Benson H. Tongue of University of California-Berkeley, and Sheri D. Sheppard of Stanford University, offers a student-focused approach to Dynamics. With a strong emphasis on drawing free body diagrams and the associated inertial response diagrams, an integrated use of computation, use of a structured problem-solving methodology, inclusion of real-world case studies, and robust pedagogy coupled with a truly engaging writing style, reviewers alike have praised this new Dynamics text. Additionally, this first edition has benefited from a comprehensive and thorough accuracy check by eight experienced Dynamics professors, and has been reviewed by more than 200 Statics and Dynamics professors.

The authors demonstrate to students how to map their understanding to more realistic situations, enabling them to more effectively break down complex problems into manageable parts.
Known for its accuracy, clarity, and applications, Meriam & Kraige's Engineering Mechanics: Dynamics has provided a solid foundation of mechanics principles for more than 50 years. Now in its new Sixth Edition, the text continues to help students develop their problem-solving skills with an extensive variety of highly interesting problems related to engineering design. In the new edition, more than 40% of the homework problems are new. There are also new sample problem and more photographs that link theory to application. To help students build necessary visualization and problem-solving skills, the text strongly emphasizes drawing free-body diagrams--the most important skill needed to solve mechanics problems.

"[These authors speak] to the students in a manner that engages their minds in today's world. Students will grasp how statics enables us to analyze practical, everyday problems ... as well as advanced designs. It is much more practical than similar texts."--Roy Henk, LeTourneau University

"The descriptions of forces are great. The examples are great. Chapter 6 [focuses] only on [free body diagrams]. This is a novel concept that I think is great. I believe that the repetitive introduction of the [free body diagram] will really help the students. I would adopt this book for Chapters 4 and 6 alone."--Makola Abdullah, FAMU/Florida State University

"I like the idea that students start with a concrete experience (bicycle). That will help them understand why we are presenting what we are presenting..."--Paul Barr, New Mexico State University

Engineering success starts here.

Your coursework in engineering mechanics helps you develop key analytical skills that you will rely on throughout your subsequent coursework and career. That's why Sheppard and Tongue's Statics: Analysis and Design of Systems in Equilibrium, and their accompanying volume, Dynamics: Analysis and Design of Systems in Motion, focus on helping you build the skills and knowledge you need to succeed.

Drawing free body diagrams starts here.

The authors continuously emphasize the importance of communicating solutions through graphics. They focus on drawing correct free body diagrams through an innovative illustration program used throughout the text, and dedicate a full chapter to free body diagrams to help you develop this vital skill.

Strong problem-solving skills start here.

Sheppard and Tongue introduce a consistent analysis procedure early in the text, and use it throughout, including all worked examples. This problem-solving methodology helps you develop the skills to apply these principles systematically in your analysis of mechanics problems. Learning to simplify the complexities of engineered systems starts here.

Innovative real-world case studies and system analysis exercises show you how to simplify and model the system to perform analysis.
Known for its accuracy, clarity, and applications, Meriam & Kraige’s Engineering Mechanics: Statics has provided a solid foundation of mechanics principles for more than 50 years. Now in its new Sixth Edition, the book continues to help readers develop their problem-solving skills with an extensive variety of highly interesting problems related to engineering design. In the new edition, more than 50% of the homework problems are new. There are also many new sample problems. To help readers build necessary visualization and problem-solving skills, the book strongly emphasizes drawing free-body diagrams—the most important skill needed to solve mechanics problems.

Now in a Sixth Edition, Fundamentals of Engineering Thermodynamics maintains its engaging, readable style while presenting a broader range of applications that motivate student understanding of core thermodynamics concepts. This leading text uses many relevant engineering-based situations to help students model and solve problems.
Philip S. Schmidt, Ofodike Ezekoye, John R. Howell, Derek Baker

THERMODYNAMICS
AN INTEGRATED LEARNING SYSTEM

What if there were no constraints on the use of photographs and graphics; if books could show objects dynamically to illustrate their multi-dimensional characteristics; and if new and revised material could be added at frequent intervals in response to direct feedback from users? Welcome to ThermoNet! Combining a concise text and Web component, ThermoNet not only covers standard thermodynamics topics but also enhances learning through interactive animations, tutorials, exercises, and problems.

An integrated learning package that brings thermodynamics to life:
- Developed by engineering educators with partial support from the National Science Foundation.
- Incorporates a Web-based resource where words are used to support visual representations.
- Utilizes graphics-rich environments to help readers gain a strong conceptual understanding of the material.
- Includes an interactive presentation of governing equations that clearly shows the physics underlying each term.
- Focuses the reader’s attention on the fundamental principles and motivates them to master the concepts.

E40600 Fluid Mechanics - Mechanical Engineering

Bruce R. Munson, Donald F. Young, Theodore H. Okiishi

FUNDAMENTALS OF FLUID MECHANICS, 5TH EDITION

Master fluid mechanics with the #1 text in the field!

Effective pedagogy, everyday examples, an outstanding collection of practical problems—these are just a few reasons why Munson, Young, and Okiishi’s Fundamentals of Fluid Mechanics is the best-selling fluid mechanics text on the market. In each new edition, the authors have refined their primary goal of helping you develop the skills and confidence you need to master the art of solving fluid mechanics problems.

This new Fifth Edition includes many new problems, revised and updated examples, new Fluids in the News case study examples, new introductory material about computational fluid dynamics (CFD), and the availability of FlowLab for solving simple CFD problems.

Access special resources online

New copies of this text include access to resources on the book’s website, including:
- 80 short Fluids Mechanics Phenomena videos, which illustrate various aspects of real-world fluid mechanics.
- Review Problems for additional practice, with answers so you can check your work.
- 30 extended laboratory problems that involve actual experimental data for simple experiments. The data for these problems is provided in Excel format.
- Computational Fluid Dynamics problems to be solved with FlowLab software.

Student Solution Manual and Study Guide

A Student Solution Manual and Study Guide is available for purchase, including essential points of the text, “Cautions” to alert you to common mistakes, 109 additional example problems with solutions, and complete solutions for the Review Problems.
**E40800 Heat Transfer**

Frank P. Incropera, David P. DeWitt, Theodore L. Bergman, Adrienne S. Lavine

**INTRODUCTION TO HEAT TRANSFER, 5TH EDITION**


The new standard for mastering heat transfer

Respected for its readability, comprehensiveness, and relevance, Incropera and DeWitt's text is the recognized standard for learning heat transfer. This text combines detailed coverage with the resources students need to meet their objectives. Its rigorous and systematic problem-solving methodology is filled with examples and problems that reveal the richness and beauty of the discipline.

This new 5th Edition introduces new coauthors Ted Bergman and Adrienne Lavine, who bring their record of success in teaching heat transfer and active involvement with research in the field to the text.

**New Features**
* Expanded coverage of areas of recent interest in heat transfer, including fuel cells and alternative energy devices, electronics cooling, micro-scale heat transfer, and biological as well as bioheat transfer. New homework problems are included for each area.
* New material on two-phase heat transfer and enhanced internal forced convection.
* Introduction to the concepts of nano-scale transport and unified treatment of transient conduction.
* New, revised, and updated problems and examples.

Model, solve, and explore heat transfer problems


Completely updated with a modern graphical user interface and better graphing tools, Interactive Heat Transfer (IHT) software will help you learn how to build thermal models, solve specific conditions, and explore the effects of multiple parameter variations. IHT is now capable of solving 300+ equations. The Finite Element Heat Transfer software enhances capabilities for treating steady-state and transient one- and two-dimensional conduction problems.

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**E50000**

Richard C. Dorf, James A. Sloboda

**INTRODUCTION TO ELECTRIC CIRCUITS, 7TH EDITION**


Build problem-solving skills for the real world

Revised with even more effective learning features, Dorf and Sloboda's Seventh Edition of Introduction to Electric Circuits introduces students to circuit analysis, and helps build strong problem-solving skills in a framework that is both engaging and accessible. Known for its practical emphasis on design, solid examples, and real-world problems, the text introduces students to the kinds of problems that electrical and computer engineers face in contemporary practice.

Interactive exercises and examples provide a rich learning environment

The book's website (www.wiley.com/college/dorf) provides resources to help students build confidence, and apply and learn the steps necessary to successfully complete homework problems.

* Interactive Examples show how to solve similar problems step-by-step.
* Interactive Exercises offer endless practice with immediate feedback.
* Interactive LearningWare helps students visualize difficult topics.

Also available

PSpice for Linear Circuits, 2E
James A. Sloboda, Clarkson University
0-471-78146-0, Paper, (c)2007

This introduction provides step-by-step instructions for using PSpice and Orcad Capture to analyze ac and dc circuits, circuits in the time domain to determine the complete response, and circuits in the frequency domain to determine the frequency response.
E52300 Intro to Digital Design

Frank Vahid

Digital Design

978-0-470-04437-7/0-470-04437-3 552 2007

Digital Design provides a modern approach to learning the increasingly important topic of digital systems design. The text's focus on register-transfer-level design and present-day applications not only leads to a better appreciation of computers and of today's ubiquitous digital devices, but also provides for a better understanding of careers involving digital design and embedded system design.

The book's key features include:
* An emphasis on register-transfer-level (RTL) design, the level at which most digital design is practiced today. Yet, coverage is bottom-up, starting from transistors and gates, and working up step-by-step to more complex components. The book emphasizes design, not just components, involving behavior capture followed by circuit creation at various abstraction levels.
* Extensive use of basic examples to teach and illustrate new concepts, and of application examples, such as pacemakers, ultrasound machines, automobiles, and cell phones, to demonstrate the immediate relevance of the concepts.
* Separation of basic design from optimization and tradeoffs, allowing development of a solid understanding of basic design, before considering the more advanced topic of optimization and tradeoffs.
* Flexible organization, enabling early or late coverage of optimization methods or of HDLs, and enabling choice of VHDL, Verilog, or SystemC HDLs.
* Accompanying HDL-introduction companion books that follow Digital Design's chapter structure and use the book's examples, for in-depth HDL coverage.
* Career insights and advice from designers with varying levels of experience.
* A clear bottom-up description of field-programmable gate arrays (FPGAs).
* An integrated technology package is available with Digital Design. WileyPLUS offers worked out video solutions, guided online problems, and unlimited algorithmic exercises.

E52900 Intro to Computer Architecture

Miles J. Murdocca, Vincent P. Heuring

Computer Architecture and Organization

An Integrated Approach


An accessible introduction to computer systems and architecture

Anyone aspiring to more advanced studies in computer-related fields must gain an understanding of the two parallel aspects of the modern digital computer: programming methodology and the underlying machine architecture. The uniquely integrated approach of Computer Architecture and Organization connects the programmer's view of a computer system with the associated hardware and peripheral devices, providing a thorough, three-dimensional view of what goes on inside the machine.

Covering all the major topics normally found in a first course in computer architecture, the text focuses on the essentials including the instruction set architecture (ISA), network-related issues, and programming methodology. Using "real world" case studies to put the information into perspective, the chapters examine:
* Data representation
* Arithmetic
* The instruction set architecture
* Datapath and Control
* Languages and the machine
* Memory
* Buses and peripherals
* Networking and communication
* Advanced computer architecture

A valuable feature of this book is the use of ARC, a subset of the SPARC processor, for an instruction set architecture. A platform-independent ARCTools suite, containing an assembler and simulator for the ARC ISA, that supports the examples used in the book is available. Better yet, the content is supplemented by online problem sets available through WileyPlus.

Balanced and thoughtfully designed for use as either a classroom text or self-study guide, Computer Architecture and Organization: An Integrated Approach will put you solidly on track for advancing to higher levels in computer-related disciplines.
E56100 Introduction to Communications Systems

Simon Haykin, Michael Moher

AN INTRODUCTION TO DIGITAL AND ANALOG COMMUNICATIONS, 2ND EDITION


A highly accessible and applied introduction to communication theory

Simon Haykin and Michael Moher's Second Edition of Introduction to Analog and Digital Communications offers an accessible introduction to analog and digital communications and serves as an introductory treatment of communication theory. It is filled with an abundance of insightful examples, problems, and computer experiments. Throughout the text, the authors emphasize the practical relevance of the theory wherever appropriate, and keep the mathematical treatment at an easy-to-grasp level.

Key Features
* Includes two new chapters: Chapter 10, Digital Signals and Noise, and Chapter 11, System Noise and Calculations.
* Motivates learning through practical applications—from the Internet, to networks, to the common radio—and a historical background of communication systems.
* Offers a robust set of problem sets, examples, and exercises.
* Includes an abundance of examples worked out in detail, to help students develop an intuitive grasp of the theory in addition to MATLAB experiments.
* Helps you master the concepts by applying what you've learned to problems following the discussion of the fundamental concepts.
* Provides additional end-of-chapter problems that extend the theory covered in the text.

E80000
Industrial Engineering

E80500 Probability & Statistics

E80500 Probability & Statistics

Douglas C. Montgomery, George C. Runger

APPLIED STATISTICS AND PROBABILITY FOR ENGINEERS, 4TH EDITION


Real Engineering Situations, Real Engineering Data

With Montgomery and Runger's best-selling engineering statistics text, you can learn how to apply statistics to real engineering situations. The text shows you how to use statistical methods to design and develop new products, and new manufacturing systems and processes. You'll gain a better understanding of how these methods are used in everyday work, and get a taste of practical engineering experience through real-world, engineering-based examples and exercises.

Now revised, this Fourth Edition of Applied Statistics and Probability for Engineers features many new homework exercises, including a greater variation of problems and more computer problems.

Key Features
* The text treats all topics in a way that reflects today's engineering realities. In the probability chapters, the authors emphasize engineering-specific examples, rather than counting methods or artificial applications such as gambling.
* Examples and exercises throughout the text use real data and real engineering situations.
* Coverage of probability is lively and interesting. It is complete but concise so as not to take over the content of the entire text.
* Thorough coverage of regression modeling, design of engineering experiments, and statistical process control from experts in these topics makes the book especially useful as a reference.
The statistics every engineer should know

Statistics is essential for solving many types of engineering problems. Focusing on the statistical techniques most often used in engineering practice, Montgomery, Runger, and Hubele's Engineering Statistics, Fourth Edition presents a wide range of techniques and methods that you'll be able to call upon in your professional capacities.

Through its three previous editions, Engineering Statistics set the standard for statistical texts serving engineers. This Fourth Edition follows the classic's winning approach, and provides a host of new features and improvements that you'll appreciate. Developed initially with sponsorship from the National Science Foundation, this revision covers all the major aspects of engineering statistics including:
* Descriptive statistics
* Probability and probability distributions
* Statistical tests and confidence intervals for one and two samples
* Building regression models
* Designing and analyzing engineering experiments
* Statistical quality control

The new edition also features numerous enhancements that help you grasp and absorb the material. Emphasizing data analysis and statistical inference, the text makes use of new, cross-sections of real engineering situations and real data sets and takes a step-by-step approach so that you gain insight into the underlying structure of the problems as you master the problem-solving techniques. Notes which help you interpret results are a particularly useful feature of the revised text.

With comprehensive integration of the PC-based statistical software Minitab and online support through WileyPLUS, this newest edition of Engineering Statistics will serve as a practical introduction for students and a reliable reference for every stage of your engineering career.

E90000
Materials Science

E90100 Introduction to Materials Science & Engineering

William D. Callister Jr.

MATERIALS SCIENCE AND ENGINEERING, 7TH EDITION
AN INTRODUCTION

Building on the extraordinary success of five best-selling editions, Bill Callister's new Seventh Edition of MATERIALS SCIENCE AND ENGINEERING: AN INTRODUCTION continues to promote student understanding through clear and concise writing and familiar terminology that is not beyond student comprehension. Topics are organized and explained in an approachable manner, so that even instructors who do not have a strong materials background can teach from this user-friendly text.

The text treats the important properties of the three primary types of materials (metals, ceramics, and polymers) and composites, as well as the relationships that exist between the structural elements of materials and their properties. Throughout, the emphasis is on mechanical behavior and failure, including techniques that are employed to improve performance. Individual chapters discuss corrosion, electrical, thermal, magnetic, and optical properties, as well as new and cutting-edge materials.

Course Hierarchy:

For Sophomore-Senior level Materials Science/Engineering courses in the Chemical, Mechanical, and Materials Science/Engineering Departments. This is a required course in most programs.
An Integrated Organization Scheme

This Second Edition of Fundamentals of Materials Science and Engineering continues to take an integrated approach to the topic organization. One specific structure, characteristic, or property type at a time is discussed for all three basic material types—viz. metals, ceramics, and polymeric materials. This order of presentation allows for early introduction of non-metals and supports the engineer’s role of choosing a material based on its characteristics.

Extended Coverage and Animations on CD-ROM

New copies of this text include a CD at no additional charge. The CD is an integral part of the text package and features animated software modules and the last five text chapters in .pdf format.

ECN000 Economics
EC0050 Principles of Economics (1 Semester)

Patrick J. Welch, Gerry F. Welch

ECONOMICS, 8TH EDITION
THEORY AND PRACTICE


Designed for the Survey of Economics course, the eighth edition of Economics: Theory and Practice introduces students to basic economic concepts, institutions, relationships, and terminology. This book prepares students to use economic thinking in their classes, careers, and everyday lives.
This second edition of Microeconomics is filled with learning-by-doing problems that give students a chance to make economics their own. These fully worked-out problems provide a step-by-step road map to help students solve numerical problems. Each problem correlates to similar practice problems at the end of each chapter. In addition, the authors include many extensive real-world examples in the text. These examples are contemporary applications of the theory and are longer and more extensive to show the evolution of the example. Each chapter opens with an example to draw readers into the topic.

The world looks different through the eyes of an economist.

From internet dating and antiwar protests to citrus farming, caviar, and Canadian prescription drugs--everything looks different through the eyes of an economist.

Recognized for it's extensive collection of intriguing applications, Browning & Zupan's Microeconomics: Theory & Applications, Ninth Edition teaches you how to look at the world through the eyes of an economist. You'll learn to analyze real-world situations and predict market phenomena using fundamental analysis tools.

Now revised with several new applications, this Ninth Edition continues to make microeconomics real and relevant. Firmly committed to the needs of today's students, the authors present fundamental concepts and techniques in a brief, less expensive paperback format.

New applications include:
* The Accounting and Economic Costs of SOX
* Social Security and Saving
* An Example of a Backward-Bending Labor Supply Curve: The Work Effort Choices of Dentists Versus Physicians
* The Likelihood of Good Samaritan Behavior and Group Size
* What the Marginal-Average Relationship Means for Your Grade Point Average
* The Low-Down on Why Loja\textsuperscript{c}ck Is Underprovided
* What to Do if the World Truly Is Flat
* The Effect of Wal-Mart on Retailing Productivity, Costs, and Prices
* Asymmetric Information and Internet Dating
The concept of making choices as a teacher and taking responsibility for the consequences of those choices is a central theme of this book. It is organized around five professional commitments that, taken together, are essential if teaching is going to make a difference in the lives of students. This innovative organizing structure uses the five commitments to help readers think in a more informed way about issues that affect their initial concerns when making the decision to teach as well as their professional development as teachers.
ES0000
Earth Science

ES0600 Introduction to Physical Geology
Barbara W. Murck, Brian J. Skinner, Dana Mackenzie

VISUALIZING GEOLOGY

Offering a visually engaging approach, this book helps readers become “geologically literate” with a sound understanding of basic geologic processes and the environmental ramifications of Earth’s systems. It introduces plate tectonics early and incorporates numerous illustrations and photos to make the difficult concepts easier to comprehend. Readers will also benefit from the structured and effective format and accessible writing style.

FN0000 Finance
FN0200 Personal Finance Management
Vickie L. Bajtelsmit

PERSONAL FINANCE
PLANNING AND IMPLEMENTING YOUR FINANCIAL GOALS

Cultivate lifelong financial success!

Planning a successful financial future requires careful cultivation through every season of your life. Whether you are taking out a loan for education, purchasing a car, or making your first investment, success depends on good choices and proper planning. That’s why Vickie Bajtelsmit’s Personal Finance: Skills for Life equips you with the knowledge, tools, and skills you need to plan for your financial future and make smart financial decisions throughout your life.

With this text, you can:
* Develop lifelong financial skills and complete your own comprehensive financial plan as you work through the Developing Your Skills sections in the book.
* Assess your personal approach to money and financial decision-making in Learning About Yourself features.
* Learn effective decision-making strategies.
* Apply what you’ve learned to realistic financial situations, engaging cases, and Learning by Doing problems.
* Uncover common personal finance myths and misconceptions.
* Review the latest research results in behavioral psychology as they apply to personal finance.
* Find out how to use the Internet in financial planning.
* Improve your math skills with Go Figure! worked-out examples.

Plan your future with the Personal Financial Planner

This book is packaged with a free Personal Financial Planner—a collection of 55 ready-to-use worksheets that will help you make decisions and plan for future financial success. These tools include worksheets for assessing your spending habits, calculating an affordable home price, weighing your options in purchasing a car, performing a health insurance needs analysis, planning for retirement, and much more.
The new Tenth Edition of this bestselling book teaches readers not only how to identify successful investment opportunities, but how to anticipate and deal with investment problems and controversies as well. Jones carefully and gradually develops key concepts, while covering all the necessary background material. Only essential formulas are included. It's one of the most readable, comprehensible investments titles available! * Includes added ethics coverage of the Sarbanes-Oxley Legislation. * Contains increased discussion of globalization issues. * Details the variety of securities available, the markets in which they are traded, mechanics of securities training, and insight into the important concept of risk and return.

The fourth edition of Human Geography in Action is highlighted by a robust new software platform via the Internet, enabling students to work with GIS maps, spreadsheets, simulations, and animated graphs. Additionally, instructors enjoy the option to use the WileyPLUS course management system for an enhanced learning environment. Many components from the third edition have been enhanced and updated, including data statistics. New web resources and further readings have also been added to each chapter.
Human Geography: Culture, Society and Space challenges students to think geographically across scale and across a wide range of geographical phenomena and global issues. The authors engage the students throughout the text by posing geographical questions that encourage students to think critically about their own locality, region, nation, and world. In the Eighth Edition, the authors reformat the text to 14 chapters, provide a clear outline of key questions for each chapter, integrate their own field experiences, and rewrite the text to guide students through answers to geographic questions. The Eighth Edition includes three new chapters: "Identity: Race, Ethnicity and Gender," "Local Culture, Popular Culture, and Cultural Landscapes," and "Geographic Networks." The concepts of globalization, identity, development, sense of place, and construction of scale are infused throughout the text. The author team draws from studies in geography and across disciplines to bring a broad and up-to-date perspective on the kinds of research geographers have done and are currently doing on a wide range of human geography topics.

In the Eighth Edition, de Blij and Murphy welcome new coauthor Erin Hogan Fouberg (South Dakota State University), who brings her expertise in geography education and political geography. The author team created a new pedagogy and writing style for the Eighth Edition that make the book more accessible to students and faculty.

GE0300 World Regional Geography

Now substantially revised and updated, the Twelfth Edition of de Blij and Muller's Geography: Realms, Regions, and Concepts continues to deliver the authors' authoritative content, outstanding cartography, currency, and comprehensive coverage, in a technology-rich package. The text reflects major developments in the world as well as in the discipline, ranging from the collapse of Russia's Post-Soviet transformation to the impact of globalization and from the rise of Asia's Pacific Rim to the war in Iraq.

H. J. de Blij, Alexander B. Murphy, Erin Fouberg

HUMAN GEOGRAPHY, 8TH EDITION
PEOPLE, PLACE, AND CULTURE

H. J. de Blij, Peter O. Muller

GEOGRAPHY, 12TH EDITION
REALMS, REGIONS, AND CONCEPTS
As its new, elaborated title suggests, The World Today: Concepts and Regions in Geography focuses on the geography of the world toward the close of the first decade of the twenty-first century and serves as a guide to geographic ideas and perspectives, past and present. Authors H. J. de Blij and Peter Muller continue in their tradition of providing authoritative content, currency, and outstanding cartography in a concise, technology-rich package with the third edition of The World Today: Concepts and Regions in Geography. Thoroughly updated, the third edition includes a new, engaging and currency-driven photo program, expanded data, and a new chapter feature—What’s Driving Geographic Change in the Realm.

Alan Arbogast's new text brings the physical world into your classroom, and lets you share your passion with your students like no other book/media package you've seen before! Discovering Physical Geography presents all the basic geographic concepts and skills students need in order to view the world through the eyes of a physical geographer. Its carefully integrated media package sets this text apart. Vivid images, animations, videos, simulations, assessments and virtual field trips all support the narrative material and enable students to interact with key processes and actively participate in visualizations. With the Discovering Physical Geography Media Package you get all the resources you need in one place, all organized around the chapters of the textbook. You can choose any combination of resources, or add your own to create highly personal class presentations that truly reflect your passion for physical geography.
Offering a fully integrated, systems-based approach to physical geography, the new Third Edition of Alan and Arthur Strahler's highly successful text incorporates relevant and recent developments in the field. The text's accurate and comprehensive coverage provides both the breadth and depth necessary to appreciate how humans are changing, and are changed by, the Earth. This edition has a new emphasis on global change, remote sensing, and tools in geography as "Interchapter Features" located after selected chapters.

- **Accuracy**: This text has been praised for its accuracy in conveying key physical geography concepts to the undergraduate students helping them to understand key concepts, which are crucial to further study in the discipline
- **Currency**: This title includes the most up-to-date information available. With the growth of remote sensing, GIS, and other geographic techniques, currency in textbooks has become increasingly important
- **Outstanding art programme**: The title includes a photographic and illustration programme that is second to none. These visuals are extremely important for helping students comprehend the key scientific concepts in physical geography
- **Critical thinking**: The text provides the tools that students need to think critically and scientifically
IN0000
Integrated Science

IN0100 Integrated Science
James Trefil, Robert M. Hazen
THE SCIENCES, 5TH EDITION
AN INTEGRATED APPROACH

The Sciences: An Integrated Approach has been used by
over 100,000 students nationwide since it was published
and is the leading text on the market for the integrated
science course. Unlike any of its competitors, it fully
integrates physics, chemistry, astronomy, earth sciences,
and biology for students with little or no science
background.
Applauded by students and instructors for its easy-to-read
style and detail appropriate for non-science majors, the
fifth edition has thoroughly updated content bringing the
most up-to-date coverage to the students in all five
disciplines. The fifth edition marks the first time Wiley Plus
is available with The Sciences - providing the text with an
additional dimension in which students can, among other
things, do homework and solve problems that relate to the
science disciplines covered.

IS0000
Information Systems &
Technology

IS1000 Intro to IS (Sophomore/Junior Level)
R. Kelly Rainer Jr., Efraim Turban, Richard E. Potter
INTRODUCTION TO INFORMATION SYSTEMS, 1ST EDITION
SUPPORTING AND TRANSFORMING BUSINESS

Live IT!
Information technology lives all around us--in how we
communicate, how we do business, how we shop, how we
learn, even how we register for classes. Smart phones,
iPods, PDAs, and wireless devices dominate our lives, and
yet it's all too easy to take information technology for
granted.

Now, Rainer, Turban, and Potter’s Introduction to
Information Systems helps make information technology
come alive in the classroom. This text takes students where
IT lives--in today’s businesses and in our daily lives--and
helps them understand how valuable information
technology is to their future careers. Throughout, the text
connects IT to accounting, finance, marketing, human
resources, and operations, so students can discover how
critical IT is to each functional area and every business.
of the material.
Achieve a higher return on your investment in IS

When a business devotes resources to its information systems, it expects a positive return on its investment. So should you.

You are about to invest your own time and effort in your Information Systems Course. With Huber, Piercy, and McKeown’s Information Systems: Creating Business Value, you can expect to be prepared to succeed in the modern business world. This book shows you the value of investing in IS for your career and for today’s organizations.

Social networks are transforming how people communicate, work, and play. This comprehensive new edition highlights this new technology and scores of others that are changing how organizations operate and compete in the current global environment.

The cover depicts two examples of social network. The larger image is a visualization of the trust relationships in a web-based social network. The smaller figures are default avatars from Second Life, a multi-layered, 3D virtual world that is imagined, created, and owned by its residents.

See chapter 4 for more information on social networks.

For more information on Second Life, visit secondlife.com or see Second Life: the Official Guide by Rymaszewski et al. at www.sybex.com/go/secondlife

For more information on the trust network, visit trust.mindswap.org
Explorations in College Algebra, 3/e and its accompanying ancillaries are designed to make algebra interesting and relevant to the student. The text adopts a problem-solving approach that motivates students to grasp abstract ideas by solving real-world problems. The problems lie on a continuum from basic algebraic drills to open-ended, non-routine questions. The focus is shifted from learning a set of discrete mathematical rules to exploring how algebra is used in the social, physical, and life sciences. The goal of Explorations in College Algebra, 3/e is to prepare students for future advanced mathematics or other quantitatively based courses, while encouraging them to appreciate and use the power of algebra in answering questions about the world around us.

Explorations in College Algebra was developed by the College Algebra Consortium based at the University of Massachusetts, Boston and funded by a grant from the National Science Foundation. The materials were developed in the spirit of the reform movement and reflect the guidelines issued by the various professional mathematics societies (including AMATYC, MAA, and NCTM).

Cynthia Y. Young

COLLEGE ALGEBRA

978-0-471-65958-7/0-471-65958-4 752 2006

Take the fear out of math once and for all! By following a distinctive approach in explaining algebra, College Algebra helps alleviate the readers’ anxiety toward math. The book encourages them to develop sound study and problem solving skills. In order to make the material more accessible, examples are integrated throughout the chapters that contain more detailed annotations using everyday language. Also, after an example is presented, an exercise is typically included to help readers apply the material right away in order to reinforce the concepts.
Often, algebra & trigonometry students leave class believing that they understand a concept but are unable to apply that understanding when they get home and attempt their homework problems. This mainstream yet innovative text is written by an experienced professor who has identified this gap as one of the biggest challenges that algebra & trigonometry professors face. She uses a clear voice that speaks directly to students—similar to how instructors communicate to them in class. Students learning from this text will overcome common barriers to learning algebra & trigonometry and will build confidence in their ability to do mathematics.
MA1100 Pre-Calculus

Eric Connally

FUNCTIONS MODELING CHANGE, 3RD EDITION

A PREPARATION FOR CALCULUS

978-0-471-79302-1/0-471-79302-7 624 2007

The third edition of this ground-breaking text continues the authors’ goal - a targeted introduction to precalculus that carefully balances concepts with procedures. Overall, this text is designed to provide a solid foundation to precalculus that focuses on a small number of key topics thereby emphasizing depth of understanding rather than breadth of coverage. Developed by the Calculus Consortium, FMC 3e is flexible enough to be thought-provoking for well-prepared students while still remaining accessible to students with weaker backgrounds. As multiple representations encourage students to reflect on the material, each function is presented symbolically, numerically, graphically and verbally (the Rule of Four). Additionally, a large number of real-world applications, examples and problems enable students to create mathematical models that will help them understand and interpret the world in which they live.

MA1200 Mathematics for Teachers

Gary L. Musser, William F. Burger, Blake E. Peterson

MATHEMATICS FOR ELEMENTARY TEACHERS, 7TH EDITION

A CONTEMPORARY APPROACH


This leading mathematics text for elementary and middle school educators helps you quickly develop a true understanding of mathematical concepts. It integrates rich problem-solving strategies with relevant topics and extensive opportunities for hands-on experience. By progressing from the concrete to the pictorial to the abstract, Musser captures the way math is generally taught in elementary schools. This title will give you all the essentials mathematics teachers need for teaching at the elementary and middle school levels:

* Highlights algebraic concepts throughout the text and includes additional supporting information.
* Provides enhanced coverage of order of operations, Z-scores, union of two events, Least Common Multiple, and Greatest Common Factor.
* Focuses on solid mathematical content in an accessible and appealing way.
* Offers the largest collection of problems (over 3,000!), worked examples, and problem-solving strategies in any text of its kind.
* Includes a comprehensive, five-chapter treatment of geometry based on the van Hiele model.
MA1400 Finite Mathematics

Michael Sullivan, Abe Mizrahi

FINITE MATHEMATICS, 9TH EDITION
AN APPLIED APPROACH
978-0-471-32899-5; 0-471-32899-5 760 2004

Sullivan/Mizrahi’s Finite Mathematics: An Applied Approach 9/e continues its rich tradition of engaging students and demonstrating how mathematics applies to various fields of study. The text is packed with real data and real-life applications to business, economics, social and life sciences. The new Ninth Edition also features a new full color design and improved goal-oriented pedagogy to further help student understanding. New Features: * NEW! Full-color design improves clarity and assists student understanding with consistent pedagogical use of color. * More applications using real data enhances student motivation. Many of these applications include source lines, to show how mathematics is used in the real world. * NEW! Conceptual problems ask students to put the concepts and results into their own words. These problems are marked with an icon to make them easier to assign.

MA1500 Finite Mathematics with Calculus

Michael Sullivan, Abe Mizrahi

MATHEMATICS, 8TH EDITION
AN APPLIED APPROACH
978-0-471-32784-4; 0-471-32784-0 1256 2005

Continuing its rich tradition of engaging students and demonstrating how mathematics applies to various fields of study, the new edition of this text is packed with real data and real-life applications to business, economics, social and life sciences. Users continually praise Sullivan and Mizrahi for their attention to conceptual development, well-graded and applied examples and exercise sets that include CPA, CMA, and Actuarial exam questions. The new Eighth Edition also features a new full color design and improved goal-oriented pedagogy to facilitate understanding, including:

- More opportunities for the use of graphing calculator, including screen shots and instructions.
- Icons clearly identify each opportunity for the use of spreadsheets or graphing calculator.
- Work problems appear throughout the text, giving the student the chance to immediately reinforce the concept or skill they have just learned.
- Chapter Reviews contain a variety of features to help synthesize the ideas of the chapter, including: Objectives Check, Important Terms and Concepts, True-False Items, Fill in the Blanks, Review Exercises, Mathematical Questions from Professional Exams (CPA).
Technical Math/Technical Math with Calculus

Paul A. Calter, Michael A. Calter

Technical Mathematics, 5th Edition

978-0-471-69593-9 640 2007

This invaluable book is renowned for its fully worked examples and numerous applications. Concepts are presented either graphically, analytically, or numerically (sometimes using more than one approach) depending on which seems the most appropriate to make the material clear and easy to understand. Technology is also fully integrated into problem sets and examples, providing a real-world perspective. And the authors encourage readers to begin the problem solving process by estimating the solution and checking their work by examining their answers for “reasonableness.”

Paul A. Calter, Michael A. Calter

Technical Mathematics with Calculus, 5th Edition


This invaluable book is renowned for its fully worked examples and numerous applications. Concepts are presented either graphically, analytically, or numerically (sometimes using more than one approach) depending on which seems the most appropriate to make the material clear and easy to understand. Technology is also fully integrated into problem sets and examples, providing a real-world perspective. And the authors encourage readers to begin the problem solving process by estimating the solution and checking their work by examining their answers for “reasonableness.”
MA1800 Brief Calculus

Michael Sullivan

BRIEF CALCULUS, 8TH EDITION
AN APPLIED APPROACH
978-0-471-45202-7/0-471-45202-5 672 2005

This accessible introduction to Calculus is designed to
demonstrate how calculus applies to various fields of
study. The text is packed with real data and real-life
applications to business, economics, social and life
sciences.

Applications using real data enhances student motivation. Many of these applications include source lines, to show how mathematics is used in the real world.

• NEW! Conceptual problems ask students to put the
  concepts and results into their own words. These
  problems are marked with an icon to make them
easier to assign.

• More opportunities for the use of graphing calculator,
  including screen shots and instructions, and the use of
  icons that clearly identify each opportunity for the use
  of spreadsheets or graphing calculator.

• Work problems appear throughout the text, giving the
  student the chance to immediately reinforce the
  concept or skill they have just learned.

• Chapter Reviews contain a variety of features to help
  synthesize the ideas of the chapter, including:
  Objectives Check, Important Terms and Concepts,
  True-False Items, Fill in the Blanks and Review
  Exercises.

• Includes Mathematical Questions from Professional
  Exams (CPA)

MA2100 Applied Calculus

Deborah Hughes-Hallett, Patti Frazer Lock, Andrew M.
Gleason, Daniel E. Flath, David O. Lomen, David
Lovelock, William G. McCallum, Brad G. Osgood,
Douglas Quinney, Karen Rhea, Jeff Tecosky-Feldman,
Thomas W. Tucker, Otto K. Bretscher, Sheldon P.
Gordon, Eric Connally, Andrew Pasquale, Richard D.
Porter, Joe B. Thrash

APPLIED CALCULUS, 3RD EDITION
978-0-471-68121-2/0-471-68121-0 528 2006

APPLIED CALCULUS, 3/E brings together the best of both
new and traditional curricula to meet the needs of today's
students. The author team's extensive teaching experience
and proven ability to write innovative and relevant problems
has made this text a true bestseller. Exciting new real-world
applications make this new edition even more meaningful to
students in management, life and social sciences. This
book will work well for those departments seeking a middle
ground for their instructors.

APPLIED CALCULUS, 3/E exhibits the same strengths
from earlier editions including the "Rule of Four", an
emphasis on concepts and modeling, exposition that
students can read and understand and a flexible approach
to technology. The conceptual and modeling problems,
praised for their creativity and variety, continue to motivate
and challenge students.
MA2200 Calculus


CALCULUS, 4TH EDITION

SINGLE VARIABLE


Now in its fourth edition, Calculus reflects the strong consensus within the mathematics community for a balance between contemporary and traditional ideas. Building on previous work, it brings together the best of both new and traditional curricula in an effort to meet the needs of instructors and students alike. The text exhibits the same strengths from earlier editions including the Rule of Four, an emphasis on modeling, exposition that is easy to understand, and a flexible approach to technology.

Howard Anton, Irl Bivens, Stephen Davis

CALCULUS, 8TH EDITION

EARLY TRANSCENDENTALS COMBINED


Designed for the freshman/sophomore Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton’s trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.
Designed for the freshman/sophomore Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton’s trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Striking a balance between concepts, modeling, and skills, this highly acclaimed book arms readers with an accessible introduction to calculus. It builds on the strengths from previous editions, presenting key concepts graphically, numerically, symbolically, and verbally. Guided by this innovative Rule of Four approach, the fourth edition examines new topics while providing readers with a strong conceptual understanding of the material.
For ten editions, readers have turned to Salas to learn the difficult concepts of calculus without sacrificing rigor. The book consistently provides clear calculus content to help them master these concepts and understand its relevance to the real world. Throughout the pages, it offers a perfect balance of theory and applications to elevate their mathematical insights. Readers will also find that the book emphasizes both problem-solving skills and real-world applications.
Designed for the Calculus III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Designed for the freshman/sophomore Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.
Work more effectively and check solutions as you go along with the text! This Student Solutions Manual that is designed to accompany Anton's Calculus: Late Transcendentals, Single and Multivariable, 8th edition provides students with detailed solutions to odd-numbered exercises from the text.

Designed for the undergraduate Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Striking a balance between concepts, modeling, and skills, this highly acclaimed book arms readers with an accessible introduction to calculus. It builds on the strengths from previous editions, presenting key concepts graphically, numerically, symbolically, and verbally. Guided by this innovative Rule of Four approach, the fourth edition examines new topics while providing readers with a strong conceptual understanding of the material.
Differential Equations: An Introduction to Modern Methods and Applications is a textbook designed for a first course in differential equations commonly taken by undergraduates majoring in engineering or science. It emphasizes a systems approach to the subject and integrates the use of modern computing technology in the context of contemporary applications from engineering and science. Section exercises throughout the text are designed to give students hands-on experience in modeling, analysis, and computer experimentation. Optional projects at the end of each chapter provide additional opportunities for students to explore the role played by differential equations in scientific and engineering problems of a more serious nature.

This revision of the market-leading book maintains its classic strengths: contemporary approach, flexible chapter construction, clear exposition, and outstanding problems. Like its predecessors, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations as they apply to engineering and the sciences. Sound and Accurate Exposition of Theory—special attention is made to methods of solution, analysis, and approximation. Use of technology, illustrations, and problem sets help readers develop an intuitive understanding of the material. Historical footnotes trace development of the discipline and identify outstanding individual contributions.
William E. Boyce, Richard C. DiPrima

ELEMENTARY DIFFERENTIAL EQUATIONS, 8TH EDITION

This revision of Boyce & DiPrima's text maintains its classic strengths: a contemporary approach with flexible chapter construction, clear exposition, and outstanding problems. Like previous editions, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations as they apply to engineering and the sciences.

A perennial best seller designed for engineers and scientists who need to use Elementary Differential Equations in their work and studies.

The CD-ROM includes:
- The award-winning ODE Architect software. The software's 14 modules enable you to build and solve your own ODEs, and to use simulations and multimedia to develop detailed mathematical models and concepts in a truly interactive environment.
- The ODE Architect Companion. The Companion extends the ideas featured in each multimedia module.

The web-based learning tools include:
- Review & Study Guidelines. The Chapter Review Guidelines will help you prepare for quizzes and exams.
- Online Review Quizzes. The quizzes enable you to test your knowledge of key concepts and provide diagnostic feedback that references appropriate sections in the text.
- PowerPoint Slides. You can print these slides out for in-class note taking.
- Getting Started with ODE Architect. This guide will help you get up-and-running with ODE Architect's simulations and multimedia.

MA3000 Linear Algebra W/Apps

Howard Anton, Chris Rorres

ELEMENTARY LINEAR ALGEBRA WITH APPLICATIONS, 9TH EDITION

This classic treatment of linear algebra presents the fundamentals in the clearest possible way, examining basic ideas by means of computational examples and geometrical interpretation. It proceeds from familiar concepts to the unfamiliar, from the concrete to the abstract. Readers consistently praise this outstanding text for its expository style and clarity of presentation.

* The applications version features a wide variety of interesting, contemporary applications.
* Clear, accessible, step-by-step explanations make the material crystal clear.
* Established the intricate thread of relationships between systems of equations, matrices, determinants, vectors, linear transformations and eigenvalues.
MA3300 Advanced Engineering Math
Erwin Kreyszig
ADVANCED ENGINEERING MATHEMATICS, 9TH EDITION
This market leading text is known for its comprehensive coverage, careful and correct mathematics, outstanding exercises and self contained subject matter parts for maximum flexibility.

MAST20
Statistics
ST0700 Introduction Statistics Non-Calculus
Prem S. Mann
INTRODUCTORY STATISTICS, 6TH EDITION
Through five previous editions, Introductory Statistics has made statistics both interesting and accessible to a wide and varied audience. The realistic content of its examples and exercises, the clarity and brevity of its presentation, and the soundness of its pedagogical approach have received the highest remarks from both students and instructors. Now this bestseller is available in a new 6th edition.
Now revised with updated exercises, Johnson and Bhattacharyya's Fifth Edition of Statistics: Principles and Applications once again offers an easy-to-read, easy-to-understand introduction to statistics. The authors use real-world examples, fresh hands-on exercises, and crystal clear explanations to motivate students to explore the powerful ideas of modern statistics.

Fresh exercises
Exercises and data sets are updated throughout for currency. Each major section and chapter in the text ends with a set of exercises that provides students with the opportunity to practice the ideas they just learned. Data sets are available on the book's website at www.wiley.com/college/johnson.

Engaging applications
A wide variety of timely example applications throughout the text connect statistics to real-life problems. Extended Statistics in Context examples reveal the value of understanding statistics. This Fifth Edition features new screen shots and keystrokes for MINITAB, Excel, and TI-83 integrated into the text examples, as appropriate, as well as new technology manuals for MINITAB, Excel, and TI-83 on the book's website.

A student-friendly approach
Featuring an engaging writing style with easy-to-follow explanations, this text makes statistics accessible to students from a wide range of disciplines. Johnson and Bhattacharyya help students understand the meaning behind key statistical methods, appreciate the underlying logic of statistics, and recognize the possible pitfalls of statistical analysis.
This package brings together a core text, skill-building workbook, a comprehensive Web site with additional interactive case studies, skills assessments, career tools, and teaching resources drawn from the author's award winning classroom. Together, the book and the assets that surround it show students how to "Get Connected" as they discover the dynamics of management in the context of a challenging and new work environment. They will learn about the responsibilities of a manager and what this means for their future career through many practical examples that are interwoven with core concepts and theories. They will appreciate the clear, concise, and engaging writing style that has made this text successful year after year. And, they will benefit from the solid foundation of research covered, as well as the high quality of examples presented.

Management 9e, by John Schermerhorn, is based on constructive balances that are essential for success in business and management: the balance of managerial theory and practice; the balance of managerial ethics and positive action; and the balance of present realities with future possibilities.

In this new edition, Management, 9e has been extensively revised with a sincere commitment to help instructors teach and students learn in today's complex and globally competitive environment. The subject matter has been carefully chosen to meet AACSB accreditation guidelines while allowing extensive flexibility to fit various course designs and sizes.

Along with updates of core material, Management, 9e offers a number of changes in the organization, content, and design that respond to current themes and developments in the theory and practice of management.
Now in its ninth edition, this book provides a comprehensive introduction to the major themes, theories, concepts and terminology of organizational behavior. It follows a streamlined, skill-building approach that arms readers with practical knowledge and hands-on experience. And with the help of a new chapter, they'll also examine current issues in the field including intellectual capital, justice and organizational citizenship, corporate governance, organizational transformation and ethical leadership.

Michael A. Hitt, C. Chet Miller, Adrienne Colella

ORGANIZATIONAL BEHAVIOR

A STRATEGIC APPROACH


A bright idea

People are the source of bright ideas in every organization. They power the organization’s performance, competitive advantages, and long-term financial success. And when they are plugged into the firm’s strategic goals, the results can be extraordinary.

By emphasizing the connection between organizational behavior and performance, Hitt, Miller, and Colella help you understand the value of OB to today’s organizations and your future career.
MK0000 Marketing
MK0700 Marketing Research
(MBA/Undergraduate)
Carl McDaniel Jr., Roger Gates

MARKETING RESEARCH ESSENTIALS WITH SPSS, 6TH EDITION

When conducted properly, marketing research can lead to better products, improved services, and a higher level of customer satisfaction. Written by marketing research professionals with over 40 years combined experience, this book is packed with the hottest trends, insights, and advances in the field. It presents a snapshot of the way cutting-edge marketing research is practiced today.

MLX200 Spanish
SP1000 Beginning Spanish (1st/2nd semester)
Laila M. Dawson

Dicho Y Hecho, 7TH EDITION
BEGINNING SPANISH STUDENT TEXT AND CD
This book is an unconventional introduction to physics and science that starts with whole objects and looks inside them to see what makes them work. It's written for students who seek a connection between science and the world in which they live. How Things Work brings science to the reader rather than the reverse. Like the course in which it developed, this book has always been for nonscientists and is written with their interests in mind. Nonetheless, it has attracted students from the sciences, engineering, architecture, and other technical fields who wish to put scientific concepts into context.

This book is written in English and organized in a case-study fashion. It conveys an understanding and appreciation for physics by finding physics concepts and principles within the familiar objects of everyday experience. Because its structure is defined by real-life examples, this book necessarily discusses concepts as they're needed and then revisits them later on when they reappear in other objects.

Lou Bloomfield is a highly dedicated teacher and one of the most popular professors at University of Virginia, and was the recipient of the 1998 State of Virginia Outstanding Faculty Award. Lou has given talks all over the country on teaching physics through everyday objects. He has extreme attention to detail and knowledge of technical physics. He is very tech savvy and has been able to provide many of the photos and illustrations for the text himself.

James Trefil, Robert M. Hazen

PHYSICS MATTERS
AN INTRODUCTION TO CONCEPTUAL PHYSICS

From amusement park rides to critical environmental issues such as energy generation—physics affects almost every aspect of our world. In PHYSICS MATTERS, James Trefil and Robert Hazen examine the fundamental physics principles at work behind the many practical applications that fuel our society and individual lives. Their goal is to promote a deeper understanding of how the great ideas of physics connect to form a much larger understanding of the universe in which we live.

Highlights

• Helps readers build a general knowledge of key ideas in physics and their connection to technology and other areas of science.
• Promotes an appreciation of what science is, how scientific knowledge is developed, and how it differs from other intellectual activities.
• Examines modern technologies, including GPS, the Internet, and information technologies, as well as medical technologies, such as MRI, PET scans, CAT scans, and radioisotope tracers.
• Explores key issues facing the world today, such as global warning, nuclear waste, and government funding for research.
PH1000 Introductory Physics (Algebra-Based)
John D. Cutnell, Kenneth W. Johnson

Essentials of Physics

In response to market demands, this new textbook provides a streamlined version of CUTNELL and JOHNSON’S market-leading text for the two semester algebra-based physics course. This slimmed-down version retains Cutnell and Johnson’s consistency, dependability, and unparalleled problem solving support for students. Along with Cutnell and Johnson’s extensive supplemental support for students and instructors, this new text presents students and instructors with an exciting and manageable alternative to traditional texts.

Jerold Touger

Introductory Physics
Building Understanding

For over two decades, physics education research has been enriching the understanding of what works and what doesn’t in physics teaching. At a broad range of institutions, these new insights have been transforming physics teaching and learning. Stress on active engagement has been central to these efforts. But the physics textbook market remains dominated by books - scarcely distinguishable from one another - which at best have done some retrofitting, but remain passive and impenetrable environments for all but a small minority of students. The purpose of Introductory Physics is to meet the needs of faculty who are open to change and to support the changes that an ever-increasing number of faculty have already made in their teaching. It will acknowledge that students don’t arrive as empty vessels, and will engage them in dialogue about their own prior conceptions and strategies. It will engage students in the process of physical sense-making that underlies good problem solving (as distinct from the “plug and chug” approaches of many students that reduce physics to memorized equations). Finally, it will recognize the need to meet students where they are, lowering perceived thresholds while maintaining appropriate goals for outcomes.
Improving the Game

When it comes to teaching and learning physics, most pedagogical innovations were pioneered in Cutnell and Johnson's Physics—the number one algebra-based physics text for over a decade. With each new edition of Physics, Cutnell and Johnson have strived to improve the heart of the game—problem solving. Now in their new Seventh Edition, you can expect the same spirit of innovation that has made this text so successful.

Here's how the Seventh Edition continues to improve the game!

AMP Examples (Analyzing Multi-Concept Problems)
These unique new example problems show students how to combine different physics concepts algebraically to solve more difficult problems. AMP examples visually map-out why the different algebraic steps are needed and how to do the steps.

GO (Guided Online) Problems in WileyPLUS
These new multipart, online tutorial-style problems lead students through the key steps of solving the problems. Student responses to each problem step are recorded in the grade book, so the instructor can evaluate whether the student really has mastered the material.
Karen Cummings, Priscilla W. Laws, Edward F.
Redish, Patrick J. Cooney

UNDERSTANDING PHYSICS, 1ST EDITION

Built on the foundations of Halliday, Resnick, and Walker's Fundamentals of Physics Sixth Edition, this text is designed to work with interactive learning strategies that are increasingly being used in physics instruction (for example, microcomputer-based labs, interactive lectures, etc.). In doing so, it incorporates new approaches based upon Physics Education Research (PER), aligns with courses that use computer-based laboratory tools, and promotes Activity Based Physics in lectures, labs, and recitations.

David Halliday

FUNDAMENTALS OF PHYSICS
978-0-470-04472-8/0-470-04472-1 1136 2008

No other book on the market today can match the 30-year success of Halliday, Resnick and Walker's Fundamentals of Physics! In a breezy, easy-to-understand style the book offers a solid understanding of fundamental physics concepts, and helps readers apply this conceptual understanding to quantitative problem solving. This book offers a unique combination of authoritative content and stimulating applications.

* Problem-solving tactics are provided to help the reader solve problems and avoid common errors.
* This new edition features several thousand end of chapter problems that were rewritten to streamline both the presentations and answers.
* Chapter Puzzlers open each chapter with an intriguing application or question that is explained or answered in the chapter.
It's about life.
It's about time.
Living Psychology was written for students like you, with real lives and real concerns. Full-timers. Part-timers. Working people. Heads of families. Career changers. All with two things in common. Everyone wants relevant material they can immediately use and apply to everyday, real life. And everyone is busy.

With you in mind, Living Psychology emphasizes psychology's direct relevance to your modern busy life--careers, business, school, relationships, and society.

* Real life. Drawing on scientific research and recent advances in neuroscience, behavioral genetics, cognitive psychology, and related fields, Living Psychology shows how to use psychology to better understand everyday life. Using proven hands-on, active learning tools, interactive exercises, video clips, photos, and animations, Living Psychology also helps you learn psychology, while simultaneously teaching you to learn how to learn--so you can learn anything.

* Real time. Because students and professors are so strongly pressed for time, we organized Living Psychology into 15 chapters, each of which is condensed into brief, manageable modules to help you focus on key content. The accompanying study guides and fully integrated media will also save you time.

Like its predecessors, this new edition effectively captures the diversity and breadth of psychology. A complete overview of how human beings think, feel, and behave is included. Psychology is an evolving science, which continually addresses and re-addresses the relationship between psychological events and their neural underpinnings, between cognition and emotion, between cultural processes and human evolution, between nature and nurture, and more.

* An engaging narrative voice that takes complicated topics and explains them in a clear, understandable, and personal manner

* A new chapter devoted to genetics, evolution and behaviour, and an entire chapter now devoted to stress, health and coping

* Strong modern coverage of biological psychology

* New co-author, Robin Kowalski brings her expertise in social psychology, health psychology, and gender psychology to the fourth edition

* This new edition reflects recent psychological findings including discussions on genetics and evolution, as well as new information on genetic engineering and psychoneuroimmunology

* Numerous supplements available to aid teaching and learning
Keeping up-to-date with the rapidly changing field of psychology can be overwhelming. In the new eighth edition, Huffman engages readers by showing how the latest concepts and theories are applied in their everyday lives. She follows a modular approach to the study of psychology, providing ongoing study tips and psychological techniques for mastering the material. This approach motivates the reader while quickly expanding their understanding of the subject.

This text provides a new, visually-oriented look into the field of psychology. Rather than offering an encyclopedic printed text, *Visualizing Psychology* presents a straightforward, logically intuitive approach to the subject. With the help of illustrations and graphics, the book brings complex concepts to life. Huffman also uses a user-friendly approach to engage the reader.
The perfectly choreographed learning experience!
As a full-time teacher of psychology, Karen Huffman knows that covering all the major concepts and theories, while still presenting the exciting and practical applications of psychology, is a challenge. To meet it, you need a fully integrated text and supplements package that sets the stage for a perfectly choreographed learning experience.

The complete Psychology in Action learning package:
* WileyPLUS: Helps instructors create a learning environment where students can reach their full potential. Includes homework management, presentation resources, a grade book, a complete online text, and more. www.wiley.com/college/wileyplus
* Online Animations, Simulations, and Videos: A robust suite of multimedia learning resources, including animations, interactive exercises, simulations and virtual experiments, and brief video clips from ScienCentral.
* Student Companion Web Site: Includes interactive key term flash cards, chapter review quizzes, an online web research guide, and annotated web links.
* Student Study and Review Guide: Offers students an easy way to review the material before quizzes and exams.
* Instructor Resource Web Site: Helps instructors prepare for class, enhance presentations, and assess students' progress.
* Instructor's Resource Guide: Lecture lead-ins, active learning exercises, and much more.
* PowerPoint Presentations and Image Gallery: PowerPoints highlighting major terms and concepts, as well as online files for most figures and tables in the text.
* Computerized Test Bank: Includes nearly 2,000 test items.
This new edition of Adjustment and Growth illustrates how psychology provides the basis for meeting many of the challenges of contemporary life. The text's integrated emphasis on diversity promotes a more inclusive view of personal adjustment. Coverage of diversity issues throughout provides reasons why psychologists study human diversity and relates those reasons to issues of personal adjustment.
A cut above the rest! Kring, Davison, Neale, and Johnson's Abnormal Psychology sets the standard for clarity, cutting-edge coverage, authoritative content, and clinical emphasis. The authors invite students to examine the many different facets of psychopathology—to search for clues, follow-up on hunches, and evaluate evidence on the origins of these disorders and the effectiveness of specific interventions.

Now in their new 10th Edition, the authors have also greatly expanded the text's pedagogical features, making it even more student-friendly, engaging, and informative.

"Current trends in the field are well reflected with the sections on genetics, neuroscience, and cognitive science." - Jack Nitschke, University of Wisconsin

"I was particularly impressed by the skill with which the authors were able to discuss complex material in a clear fashion." - Janice Kiecolt-Glaser, Ohio State University