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EPPP Fundamentals EPPP Fundamentals, Step One, Second Edition ITF+ CompTIA IT Fundamentals All-in-One Exam Guide, Second Edition (Exam FC0-U61) Daily Fundamentals, Grade 1 EPPP Fundamentals Review Guide, Step One Fundamentals of Nursing - Vol 1 Study Guide for Fundamentals of Nursing CompTIA Strata IT Fundamentals All-in-One Exam Guide (Exam FC0-U41) Computer Fundamentals Kozier and Erb's Fundamentals of Nursing, Volumes 1-3 CompTIA IT Fundamentals (ITF+) Study Guide Fundamentals of Business Statistics, 2nd Edition Fundamentals of Financial Management Fundamentals of Financial Management, Concise Edition Fundamentals of Business (black and White) Fundamentals of Health Promotion for Nurses Art Fundamentals 2nd Edition Potter & Perry's Fundamentals of Nursing ANZ edition - eBook Kozier & Erb's Fundamentals of Nursing Australian Edition Fundamentals of Nuclear Science and Engineering Second Edition Learning QuickBooks Step-by-Step - QuickBooks Fundamentals - Version 2006 Fundamentals of Nursing Fundamentals and Applications of Ultrasonic Waves Fundamentals of Semiconductors Fundamentals of Hand Therapy Fundamentals of Machine Learning for Predictive Data Analytics, second edition Fundamentals of Hand Therapy - E-Book Fundamentals of Financial Management, Concise Edition Fundamentals of Collection Development and Management Fundamentals of University Mathematics Transport Phenomena Fundamentals, Third Edition Hearing Science Fundamentals, Second Edition Fundamentals of Project Management Bundle: Fundamentals of Financial Management, Concise Edition (with Thomson One - Business School Edition), 7th + Aplia Printed Access Card, Concise + The Finite Element Method: Its Basis and Fundamentals Soil Mechanics Fundamentals and Applications Fundamentals of Math Book 2 Algebra 1 The Fundamentals of Federal Taxation Fundamentals of Game Design Inside 2014 Fundamentals: Practice Book, Volume 1

A fully revised and updated edition of this back-to-basics title, packed with the fundamental concepts, conventions and theory needed when creating art. The perfect way to begin your students school day! Cross-curricular daily practice gets your first grade students focused and engaged and ready to learn. The daily lessons provide practice of language, math, and reading skills that support your core curriculum. The meaningful 10 to 15 minutes of daily practice helps sharpen students skills and helps you see where your students need to improve. With a detailed scope and sequence, you will always know the skills that your students are practicing. Daily Fundamentals lessons are ideal for morning work, bell ringers, homework, and informal assessment. The daily practice and review prepares students for success on assessments and state testing. Gain a solid understanding of real-world corporate finance and financial management with a unique balance of contemporary theory and practical applications found in the leading FUNDAMENTALS OF FINANCIAL MANAGEMENT, CONCISE EDITION 9E by Brigham/Houston. Engaging and easy to understand, this complete introduction to corporate finance emphasizes the concept of valuation throughout and Time Value of Money (TVM) early, giving you time to absorb the concepts fully. Numerous examples, end-of-chapter applications, and Integrated Cases give you a better understanding of the concepts and reasons behind corporate budgeting, financing, and working capital decision making. In addition, Excel Spreadsheet Models help you master this critical software tool. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Perfect for hand therapy specialists, hand therapy students, and any other professional who encounters clients with upper extremity issues, Fundamentals of Hand Therapy, 2nd Edition contains everything you need to make sound therapy decisions. Coverage includes hand anatomy, the evaluation process, and diagnosis-specific information. Expert tips, treatment guidelines, and case studies round out this comprehensive text designed to help you think critically about each client's individual needs. "Overall, a very clear readable style is adopted throughout, with theory supported by various anecdotal case studies. Excellent use is made of illustrations, and many chapters contain the helpful addition of 'clinical pearls' or 'tips from the field', which are an attempt to make transparent the links between theory and practice. In conclusion, this is an excellent core text for reference purposes." Reviewed by: British Journal of Occupational Therapy Date: Aug 2014 Clinical Pearls and Precautions highlight relevant information learned by the experienced author and contributors that you can apply to clinical practice. Case examples included in the diagnoses chapters in Part Three demonstrate the use of clinical reasoning and a humanistic approach in treating the client. Diagnosis-specific information in the final section of the book is well-organized to give you quick access to the information you need. Special features sections such as Questions to Discuss with the Physician, What to Say to Clients, Tips from the Field, and more help readers find their own clinical voices. Online sample exercises give you a pool to pull from during professional practice. NEW! Chapters on yoga and pilates provide guidance into new ways to treat upper extremity problems. NEW! Chapter on wound care gives you a thorough foundation on how wounds impact therapeutic outcomes. NEW! Chapter on orthotics has been added to cover basic splinting patterns. NEW! Online resources help assess your understanding and retention of the material. Written at an intermediate level in a way that is easy to understand, Fundamentals and Applications of Ultrasonic Waves, Second Edition provides an up-to-date exposition of ultrasonics and some of its main applications. Designed specifically for newcomers to the field, this fully updated second edition emphasizes underlying physical concepts over mathematics. The first half covers the fundamentals of ultrasonic waves for isotropic media. Starting with bulk liquid and solid media, discussion extends to surface and plate effects, at which point the author introduces new modes such as Rayleigh and Lamb waves. This focus on only isotropic media simplifies the usually complex mathematics involved, enabling a clearer understanding of the underlying physics to avoid the complicated tensorial description characteristic of crystalline media. The second part of the book addresses a broad spectrum of industrial and research applications, including quartz crystal resonators, surface acoustic wave devices, MEMS and microacoustics, and acoustic sensors. It also provides a broad discussion on the use of ultrasonics for non-destructive evaluation. The author concentrates on the developing area of microacoustics, including exciting new work on the use of probe microscopy techniques in nanotechnology. Focusing on the physics of acoustic waves, as well as their propagation, technology, and applications, this book addresses viscoelasticity, as well as new concepts in acoustic microscopy. It updates coverage of ultrasonics in nature and developments in sonoluminescence, and it also compares new technologies, including use of atomic force acoustic microscopy and lasers. Highlighting both direct and indirect applications for readers working in neighboring disciplines, the author presents particularly important sections on the use of microacoustics and acoustic nanoprobe in next-generation devices and instruments. The second edition of a comprehensive introduction to machine learning approaches used in predictive data analytics, covering both theory and practice. Machine learning is often used to build predictive models by extracting patterns from large datasets. These models are used in predictive data analytics applications including price prediction, risk assessment, predicting customer behavior, and document classification. This introductory textbook offers a detailed and focused treatment of the most important machine learning approaches used in predictive data analytics, covering both theoretical concepts and practical applications. Technical and mathematical material is augmented with explanatory worked examples, and case studies illustrate the application of these models in the broader business context. This second edition covers recent developments in machine learning, especially in a new chapter on deep learning, and two new chapters that go beyond predictive analytics to cover unsupervised learning and reinforcement learning. Since the publication of the bestselling first edition, there have been numerous advances in the field of nuclear science. In medicine, accelerator based teletherapy and electron-beam therapy have become standard. New demands in national security have stimulated major advances in nuclear instrumentation. An ideal introduction to the fundamentals of nuclear science and engineering, this book presents the basic nuclear science needed to understand and quantify an extensive range of nuclear phenomena. New to the Second Edition— A chapter on radiation detection by Douglas McGregor Up-to-date coverage of radiation hazards, reactor designs, and medical applications Flexible organization of material that allows for quick reference This edition also takes an in-depth look at particle accelerators, nuclear fusion reactions and devices, and nuclear technology in medical diagnostics and treatment. In addition, the author discusses applications such as the direct

conversion of nuclear energy into electricity. The breadth of coverage is unparalleled, ranging from the theory and design characteristics of nuclear reactors to the identification of biological risks associated with ionizing radiation. All topics are supplemented with extensive nuclear data compilations to perform a wealth of calculations. Providing extensive coverage of physics, nuclear science, and nuclear technology of all types, this up-to-date second edition of Fundamentals of Nuclear Science and Engineering is a key reference for any physicist or engineer. The third edition of this popular and effective textbook provides in one volume a unified treatment of topics essential for first year university students studying for degrees in mathematics. Students of computer science, physics and statistics will also find this book a helpful guide to all the basic mathematics they require. It clearly and comprehensively covers much of the material that other textbooks tend to assume, assisting students in the transition to university-level mathematics. Expertly revised and updated, the chapters cover topics such as number systems, set and functions, differential calculus, matrices and integral calculus. Worked examples are provided and chapters conclude with exercises to which answers are given. For students seeking further challenges, problems intersperse the text, for which complete solutions are provided. Modifications in this third edition include a more informal approach to sequence limits and an increase in the number of worked examples, exercises and problems. The third edition of Fundamentals of university mathematics is an essential reference for first year university students in mathematics and related disciplines. It will also be of interest to professionals seeking a useful guide to mathematics at this level and capable pre-university students. One volume, unified treatment of essential topics Clearly and comprehensively covers material beyond standard textbooks Worked examples, challenges and exercises throughout Fundamentals of Health Promotion for Nurses is a concise, accessible introduction to health promotion and public health for pre-registration nursing students and newly qualified nurses. Promoting the health and wellbeing of patients is a vital part of the nursing role, and the updated second edition of this user-friendly book discusses the foundations for health promotion practice using practical examples, activities and discussion points to encourage readers to reflect on their values, debate the issues and apply their knowledge and understanding to practice. Revision of: EPPP fundamentals / Anne Klee & Bret A. Moore. 2014. Project Management. With the same contemporary approach and dynamic examples that made previous editions so popular, this fully revised thirteenth edition of FUNDAMENTALS OF FINANCIAL MANAGEMENT continues to provide students with a focused understanding of today's corporate finance and financial management. This market-leading text offers a unique balance of clear concepts, contemporary theory, and practical applications in order to help students understand the concepts and reasons behind corporate budgeting, financing, working capital decision making, forecasting, valuation, and Time Value of Money (TVM). The thirteenth edition has been updated to include discussions of several major events such as the BP oil spill, the European debt crisis, and the ongoing weakness in the economy and financial markets. Numerous practical examples, Quick Questions, proven end-of-chapter applications, Integrated Cases, and real-world examples demonstrate theory in action. A comprehensive support package --prepared by the text authors -- connects closely with the book to reduce preparation time and reinforce students understanding. You can also engage your students with a variety of tools including Thomson One Business School Edition, the same financial online database professionals use every day; updated Excel spreadsheets models; today's leading online homework solution, Aplia for Finance; and CengageNOW course management system. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. The Sixth Edition of this influential best-selling book delivers the most up-to-date and comprehensive text and reference yet on the basis of the finite element method (FEM) for all engineers and mathematicians. Since the appearance of the first edition 38 years ago, The Finite Element Method provides arguably the most authoritative introductory text to the method, covering the latest developments and approaches in this dynamic subject, and is amply supplemented by exercises, worked solutions and computer algorithms. • The classic FEM text, written by the subject's leading authors • Enhancements include more worked examples and exercises • With a new chapter on automatic mesh generation and added materials on shape function development and the use of higher order elements in solving elasticity and field problems Active research has shaped The Finite Element Method into the pre-eminent tool for the modelling of physical systems. It maintains the comprehensive style of earlier editions, while presenting the systematic development for the solution of problems modelled by linear differential equations. Together with the second and third self-contained volumes (0750663219 and 0750663227), The Finite Element Method Set (0750664312) provides a formidable resource covering the theory and the application of FEM, including the basis of the method, its application to advanced solid and structural mechanics and to computational fluid dynamics. The classic introduction to the finite element method, by two of the subject's leading authors Any professional or student of engineering involved in understanding the computational modelling of physical systems will inevitably use the techniques in this key text Excellent bridge between general solid-state physics textbook and research articles packed with providing detailed explanations of the electronic, vibrational, transport, and optical properties of semiconductors "The most striking feature of the book is its modern outlook ... provides a wonderful foundation. The most wonderful feature is its efficient style of exposition ... an excellent book." Physics Today "Presents the theoretical derivations carefully and in detail and gives thorough discussions of the experimental results it presents. This makes it an excellent textbook both for learners and for more experienced researchers wishing to check facts. I have enjoyed reading it and strongly recommend it as a text for anyone working with semiconductors ... I know of no better text ... I am sure most semiconductor physicists will find this book useful and I recommend it to them." Contemporary Physics Offers much new material: an extensive appendix about the important and by now well-established, deep center known as the DX center, additional problems and the solutions to over fifty of the problems at the end of the various chapters. In this second edition, the book has corrected any mistakes, and tried to simplify the discussion about the various topics. "All-in-One is All You Need." Get complete coverage of all material included on the CompTIA Strata IT Fundamentals exam inside this comprehensive resource. Written by leading CompTIA certification and training experts, this authoritative guide covers exam FC0-U41 in full detail. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations. Designed to help you pass the exam with ease, this definitive volume also serves as an essential on-the-job reference. COVERS ALL EXAM TOPICS, INCLUDING: How computers work Processing components Common and advanced input/output devices Common and advanced storage devices Configuring the operating system Maintaining computers Upgrading hardware and software Printers Wired and wireless networks Connecting to the Internet Local and Internet security CD-ROM FEATURES: Two practice exams An "Introduction to Strata" video by Mike Meyers E-Book Scott Jernigan, CompTIA Strata, CompTIA A+, CompTIA Network+, IC3, MCP, is editor in chief for Total Seminars LLC, a major provider of PC and network repair seminars for thousands of organizations throughout the world. He is coauthor, with Mike Meyers, of the bestselling CompTIA A+ Certification All-in-One Exam Guide, Fifth Edition, and he has written, edited, and contributed to many other computer books. Mike Meyers, CompTIA A+ CompTIA Network+, CompTIA Security+, MCP, is the industry's leading authority on CompTIA A+ certification and training, and the bestselling author of seven editions of CompTIA A+ All-in-One Exam Guide. He is the president and founder of Total Seminars LLC and a member of CompTIA. The 4th Edition continues in its groundbreaking, two-volume format that teaches students to "think like a nurse" from the very first day. Perfect for both concept-based and traditional curriculums, it is the only text designed the way nursing fundamentals is actually taught. Volume 1 covers the theoretical knowledge taught in class, and Volume 2 covers the practical knowledge taught in lab. -- Provided by the publisher "Taking the psychology licensure exam can be a time of considerable anxiety. This thoughtful text carefully leads the reader through the eight content domains of the EPPP in a manner that is comforting and refreshingly substantive. It is an excellent investment in one's professional future." Patrick DeLeon, PhD, JD, MPH Past-President, American Psychological Association This authoritative guide to the EPPP provides an affordable and comprehensive review of core exam content and includes over 300 sample questions. The guide goes beyond merely "teaching the test" by including contributions from the directors of top psychology training and internship programs in the US. This approach helps users to obtain the depth and breadth of knowledge required for passing the exam, and mirrors how doctoral level courses are commonly taught. The review covers the development and format of the EPPP along with successful test-taking strategies. Chapters covering EPPP content domains each include a comprehensive review of the material, key points to remember, sample questions, and recommended readings. In order to reflect test presentation, chapter authors cover each subject domain according to the ASPPB's EPPP Information for Candidates Guide. Chapter authors are comprised of clinical supervisors and faculty directly involved in training interns, residents, and fellows in psychology. Key Features: Presents an in-depth, comprehensive content review that goes beyond "teaching the test"

Provides an affordable alternative to EPPP preparation courses Written and edited by directors of the foremost training, internship, and postdoctoral fellowship programs Includes over 300 sample questions Trust the market-leading author team that has set the standard for quality, reliability, accuracy, and innovation edition after edition to help you put your students on the forefront of understanding today's corporate finance and financial management. This new edition is First in Finance with a unique, proven, compact approach to teaching introductory finance principles that offers a unique balance of clear concepts, contemporary theory, and practical applications. Because the goal of financial management is to maximize a firm's value, this new Concise Edition emphasizes the concept of valuation throughout, covering Time Value of Money (TVM) early to allow students time to absorb the concepts fully. The book's strong, focused foundation in the basics makes it easier for students to understand the how and why of corporate budgeting, financing, and working capital decision making. Throughout this edition, the authors emphasize an understanding of applications using numerous real-world examples, proven end-of-chapter application problems, and Integrated Cases that present chapter topics in actual life scenarios and demonstrate theory in action. Excel Spreadsheet Models ensure students can maximize today's technology. The seamless, integrated package prepared by the text authors--a hallmark strength of the book--continues to offer comprehensive tools to reduce preparation time and further your students' understanding. The sixth edition includes Thomson One Business School Edition, the same financial online database professionals use every day. In addition, Aplia's Preparing for Finance, a leading homework solution tool which includes tutorials, interactive assignments and news analyses, accompanies this text to help students get the practice needed to learn the subject. Trust the strengths in Brigham/Houston's marketing-leading FUNDAMENTALS OF FINANCIAL MANAGEMENT, CONCISE EDITION, Sixth Edition, to put you First in Finance today. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

To create a great video game, you must start with a solid game design: A well-designed game is easier to build, more entertaining, and has a better chance of succeeding in the marketplace. Here to teach you the essential skills of player-centric game design is one of the industry's leading authorities, who offers a first-hand look into the process, from initial concept to final tuning. Now in its second edition, this updated classic reference by Ernest Adams offers a complete and practical approach to game design, and includes material on concept development, gameplay design, core mechanics, user interfaces, storytelling, and balancing. In an easy-to-follow approach, Adams analyzes the specific design challenges of all the major game genres and shows you how to apply the principles of game design to each one. You'll learn how to: Define the challenges and actions at the heart of the gameplay. Write a high-concept document, a treatment, and a full design script. Understand the essentials of user interface design and how to define a game's look and feel. Design for a variety of input mechanisms, including the Wii controller and multi-touch iPhone. Construct a game's core mechanics and flow of resources (money, points, ammunition, and more). Develop appealing stories, game characters, and worlds that players will want to visit, including persistent worlds. Work on design problems with engaging end-of-chapter exercises, design worksheets, and case studies. Make your game accessible to broader audiences such as children, adult women, people with disabilities, and casual players. "Ernest Adams provides encyclopedic coverage of process and design issues for every aspect of game design, expressed as practical lessons that can be immediately applied to a design in-progress. He offers the best framework I've seen for thinking about the relationships between core mechanics, gameplay, and player—one that I've found useful for both teaching and research." — Michael Mateas, University of California at Santa Cruz, co-creator of Façade

Get the most out of your textbook with this helpful study tool! Corresponding to the chapters in Fundamentals of Nursing, 8th Edition, by Patricia Potter et al., this study guide helps you understand key concepts with review questions, exercises, and learning activities. Skills checklists on an Evolve companion website help you learn and master important nursing procedures. Preliminary Readings refer back to related chapters in Fundamentals of Nursing, 8th Edition. Comprehensive Understanding sections help you master the key topics and main ideas in each chapter. Case studies and Critical Thinking Model exercises help you apply what you've learned. Multiple-choice review questions evaluate your understanding of key chapter objectives. Content updates match the new information in Fundamentals of Nursing, 8th Edition. Updated skills performance checklists are now available on the Evolve companion website, and are both interactive and printable. The third edition of The Fundamentals of Federal Taxation is a problem-based, transaction-oriented treatment of the basics of federal taxation. It features a balanced approach toward tax planning and tax policy and is structured for easy accessibility through the use of forty-two chapters, each of which can readily be covered in one, or occasionally two, class sessions. A new chapter in this edition brings together the various exclusions, deductions and credits concerning education. This is a topic of particular relevance to students that often receives scattered treatment in other books. Thoroughly up to date, this edition incorporates the changes arising from the American Taxpayer Relief Act of 2012, the so-called "fiscal cliff" legislation. The authors also prepare an annual supplement each August. The first half of the book provides students with an understanding of the overall structure of the federal income tax. This part culminates in two major review problems that assist students in integrating the knowledge gained. Thereafter, the book covers various major topics of taxation—including real estate taxation, intellectual property taxation, family taxation, tax consequences of litigation, and deferred compensation -- with an emphasis on tax planning. It is designed to give students an appreciation for how the law of taxation connects with everyday events of American life. The book also contains chapters on corporate and partnership income taxation, international income taxation and the federal wealth transfer taxes in order to introduce students to those important areas of tax law. In this cogent, straightforward treatment of a complex subject, the topics, the selection of cases, and the design of the problems are all calculated to make tax fun and thought-provoking. This edition is available in both hard copy and electronic versions. A teacher's manual with complete solutions to all of the problems is available. (Black & White version) Fundamentals of Business was created for Virginia Tech's MGT 1104 Foundations of Business through a collaboration between the Pamplin College of Business and Virginia Tech Libraries. This book is freely available at: <http://hdl.handle.net/10919/70961> It is licensed with a Creative Commons-NonCommercial ShareAlike 3.0 license. Fundamentals of Business Statistics is intended to serve as a core textbook for undergraduate students of BBA, BCA, B Com and CA, ICWA and those who need to understand the basic concepts of business statistics and apply results directly to real-life business problems. The book also suits the requirement of students of AMIE, who need both theoretical and practical knowledge of business statistics. The second edition has been extensively revised with the objective of enhancing and strengthening the conceptual, as well as practical knowledge of readers about various techniques of business statistics. Its easy-to-understand approach will enable readers to develop the required skills and apply statistical techniques to decision-making problems. With a completely new look and feel, this book will facilitate the teaching of business statistics techniques as well as enhance the learning experience for students. New in This Edition • Completely revised and reorganized text to make explanations more cogent through relevant and interesting examples. • Large number of new business-oriented solved as well as practice problems representing the various business statistics techniques. • Explanations well illustrated with numerous interesting and varied business-oriented examples. • Pedagogical features like Conceptual Questions, Self Practice Problems with Hints and Answers. • Complete conformity to the latest trends of questions appearing in universities and professional examinations. Computer Fundamentals is specifically designed to be used at the beginner level. It covers all the basic hardware and software concepts in computers and its peripherals in a very lucid manner. Now in its 6th edition, this trusted reference for nursing students supports the development of safe, effective and person-centred practice. The text has been comprehensively revised by nursing leaders and experts from across the spectrum of clinical practice, education, research and health policy settings; and a highly experienced editorial team, which includes Jackie Crisp, Clint Douglas, Geraldine Rebeiro and Donna Waters. Chapters of Potter & Perry's Fundamentals of Nursing, 6e engage students with contemporary concepts and clinical examples, designed to build clinical reasoning skills. Early chapters introduce frameworks such as Fundamentals of Care and cultural safety, as ways of being and practising as a nurse. These frameworks are then applied in clinical and practice context chapters throughout. Reflection points in each chapter encourage curiosity and creativity in learning, including the importance of self-care and self-assessment. 79 clinical skills over 41 chapters updated to reflect latest evidence and practice standards, including 4 new skills Fully aligned to local learning and curriculum outcomes for first-year nursing programs Aligned to 2016 NMBA Registered Nurse Standards for Practice and National Safety and Quality Health Service Standards Easy-to-understand for beginning students Focus on person-centred practice and language throughout 44 clinical skills videos (including 5 NEW) available on Evolve, along with additional student and instructor resources Accompanied by Fundamentals of nursing clinical skills workbook 4e An eBook included in all print

purchases Additional resources on Evolve: • eBook on VitalSource Instructor resources: Testbank Critical Reflection Points and answers Image collection Tables and boxes collection PowerPoint slides Students and Instructor resources: 44 Clinical Skills videos Clinical Cases: Fundamentals of nursing case studies Restructured to reflect current curriculum structure New chapters on end-of-life care and primary care New online chapter on nursing informatics aligned to the new National Nursing and Midwifery Digital Health Capabilities Framework, including a new skill and competency assessment tool Student activities for skills practice in vocabulary, language, grammar, reading, and fluency. This fully updated study guide delivers 100% coverage of every topic on the CompTIA ITF+ IT Fundamentals exam Take the CompTIA ITF+ IT Fundamentals exam with complete confidence using this bestselling and effective self-study system. Written by CompTIA certification and training experts, this authoritative guide explains foundational computer technologies in full detail. You'll find learning objectives at the beginning of each chapter, exam tips, practice exam questions, and in-depth explanations throughout. Designed to help you pass the exam with ease, this definitive volume also serves as an essential on-the-job reference. Also includes a voucher coupon for a 10% discount on your CompTIA exams! Covers all exam topics, including: • Computer basics • System hardware • I/O ports and peripherals • Data storage and sharing • PC setup and configuration • Understanding operating systems • Working with applications and files • Setting up and configuring a mobile device • Connecting to networks and the Internet • Handling local and online security threats • Computer maintenance and management • Troubleshooting and problem solving • Understanding databases • Software development and implementation Online content includes: • 130 practice exam questions in a customizable test engine • Link to over an hour of free video training from Mike Meyers

The third edition of *Transport Phenomena Fundamentals* continues with its streamlined approach to the subject of transport phenomena, based on a unified treatment of heat, mass, and momentum transport using a balance equation approach. The new edition makes more use of modern tools for working problems, such as COMSOL®, Maple®, and MATLAB®. It introduces new problems at the end of each chapter and sorts them by topic for ease of use. It also presents new concepts to expand the utility of the text beyond chemical engineering. The text is divided into two parts, which can be used for teaching a two-term course. Part I covers the balance equation in the context of diffusive transport—momentum, energy, mass, and charge. Each chapter adds a term to the balance equation, highlighting that term's effects on the physical behavior of the system and the underlying mathematical description. Chapters familiarize students with modeling and developing mathematical expressions based on the analysis of a control volume, the derivation of the governing differential equations, and the solution to those equations with appropriate boundary conditions. Part II builds on the diffusive transport balance equation by introducing convective transport terms, focusing on partial, rather than ordinary, differential equations. The text describes paring down the microscopic equations to simplify the models and solve problems, and it introduces macroscopic versions of the balance equations for when the microscopic approach fails or is too cumbersome. The text discusses the momentum, Bournoulli, energy, and species continuity equations, including a brief description of how these equations are applied to heat exchangers, continuous contactors, and chemical reactors. The book also introduces the three fundamental transport coefficients: the friction factor, the heat transfer coefficient, and the mass transfer coefficient in the context of boundary layer theory. The final chapter covers the basics of radiative heat transfer, including concepts such as blackbodies, graybodies, radiation shields, and enclosures. The third edition incorporates many changes to the material and includes updated discussions and examples and more than 70 new homework problems. Aimed at helping students master the final hurdle to becoming a licensed, certified psychologist, the second edition of this authoritative content review for the EPPP is expanded to include 20% more content, the DSM-5, contributions from esteemed new authors, and an easily navigable mobile APP to enhance test-taking skills. Additional practice questions, along with well-honed test-taking strategies, further facilitate exam success. Written by expert professors, training directors, and practitioners in each subject area, this affordable resource includes over 320 sample questions in the eight content areas that will be included on the exam. The guide goes beyond merely “teaching the test” with rote memorization by addressing content in a stepwise, narrative, and review format. Questions are included at the end of each chapter to help students gauge mastery of all subject matter. New to the Second Edition: Expanded with 20% more content Includes detailed and updated diagnostic criteria from DSM-5 Offers contributions by esteemed new authors Delivers additional practice questions randomized for better command of content Updates clinical practice content and theoretical advancements Includes APP for practice anywhere, anytime on your mobile device or web browser! (IOS, Android and the web, with a powerful, simple-to-use interface) APP includes all the high-quality content from the book and over 320 practice questions with detailed results showing your strength and weaknesses Key Features: Presents an in-depth, comprehensive content review that goes beyond “teaching the test” Provides 320+ Q&As with rationales Written and edited by leading scholars and directors of training Highlights test-taking strategies Includes key points to remember and recommended readings for more in-depth study Mirrors how doctoral-level courses are commonly taught In this fully updated revision, expert instructor and librarian Peggy Johnson addresses the art in controlling and updating your library's collection. NOW PUBLISHED BY PLURAL! *Hearing Science Fundamentals, Second Edition* maintains the straightforward style of the previous edition, introducing the basic concepts in hearing science in an easy-to-understand format. With a wide variety of student-friendly features and instructor resources, this comprehensive textbook facilitates the absorption of technical material by both undergraduate and graduate students. The text is divided into four clear sections to cover everything from the physics of sound to the anatomy and physiology of the auditory pathway and beyond. The textbook begins by delving into the basics of acoustics and digital signal processing (DSP). In the next section, readers will find full coverage of the basic anatomy and physiology of the auditory mechanism. The third section contains eight chapters on psychoacoustics and how sound is perceived via the auditory pathways. The book wraps up with a brand-new section devoted to pathologies of the auditory mechanisms. New to the Second Edition: * New coauthor, Jeremy J. Donai, AuD, PhD, brings his extensive clinical and research experience to the concepts discussed * Nine new chapters, including: Review of Speech Acoustics (Chapter 2); Digital Signal Processing (Chapter 3); Binaural Processing (Chapter 8); Temporal Processing (Chapter 10); Signal Detection Theory (Chapter 13); Auditory Perception and Hearing Impairment (Chapter 14); Separate and expanded chapters for Pathologies of the Auditory Mechanism (Chapter 9) from first edition; Pathologies of the Conductive Auditory Mechanism (Chapter 15); Pathologies of the Sensory Auditory Mechanism (Chapter 16); Pathologies of the Central Auditory Mechanism (Chapter 17) * Clinical Notes and Vocabulary Checks features have been added through the text Evidence-based information incorporated throughout the text * Updated Recommended Readings list * Audio examples and overview lecture videos for students Key Features: * Learning Objectives and Key Terms at the beginning of each chapter prepare the student for the chapter contents * Two-color anatomical and line illustrations aid understanding of important technical concepts * Q & A boxes reinforce important information presented in the text * A Glossary of important terms Disclaimer: Please note that ancillary content (such as documents, quizzes, and exercises) may not be included as published in the original print version of this book. NOTE: The name of the exam has changed from IT Fundamentals to IT Fundamentals+ (ITF+). However, the FC0-U61 exam objectives are exactly the same. After the book was printed with IT Fundamentals in the title, CompTIA changed the name to IT Fundamentals+ (ITF+). We have corrected the title to IT Fundamentals+ (ITF+) in subsequent book printings, but earlier printings that were sold may still show IT Fundamentals in the title. Please rest assured that the book content is 100% the same. The ultimate study guide for the essential entry-level IT cert! The CompTIA IT Fundamentals Study Guide: Exam FC0-U61, Second Edition is your ideal companion for comprehensive exam preparation. Covering 100 percent of the latest exam objectives, this book contains everything you need to know to pass with flying colors—the first time! Clear, concise language breaks down fundamental IT concepts to help you truly grasp important concepts, and practical examples illustrate how each new skill is applied in real-world situations. You'll learn your way around hardware and software, conduct installations, and connect to networks to get a workstation up and running smoothly; you'll also develop the knowledge base needed to identify compatibility and security issues, mitigate risks, and conduct all-important preventative maintenance that keeps the end-user problem-free. The CompTIA IT Fundamentals certification validates your skills as a systems support specialist, and gets your foot in the door to a successful IT career. This book is your ultimate preparation resource, with expert guidance backed by online tools to take your preparation to the next level! Master 100 percent of Exam FC0-U61 objectives Learn real-world applications and practical on-the-job skills Know what to expect with exam highlights and review questions Access online study tools including flashcards, chapter tests, a practice exam, and more! The IT department is instrumental in keeping any organization on its feet. As support staff, you will be called upon to assess and repair common problems,

set up and configure workstations, address individual issues, and much more. If you decide to continue on to more advanced IT positions, the CompTIA IT Fundamentals certification is a great springboard; if you're ready to launch your career, the CompTIA IT Fundamentals Study Guide offers complete, practical prep to help you face the exam with confidence. The 5th Australian edition Kozier & Erb's Fundamentals of Nursing continues to setting the foundation for nursing excellence amid ongoing changes to the regulation of nursing. For undergraduate nurses, the product covers key concepts in contemporary nursing such as delivering inclusive nursing practice, as well as discussing the latest nursing evidence, standards, and competencies. Aligned with current nursing standards, the 5th edition helps students link their theoretical knowledge to clinical practice. New to this edition Updated Research Notes, Real World features and images to reflect contemporary Australian and New Zealand research, clinician stories and evidence-based practice. Updated to include recent changes to the NSQHS standards, including: Comprehensive care Communication for safety mental health and cognitive impairment health literacy, end-of-life care and, Aboriginal and Torres Strait Islander health. The Patient Safety Competency Framework (PSCF) for Nursing Students are integrated throughout the chapters, with practical examples on how the safety domains can be applied in practice. Addition of a new chapter focused on Disability, allowing for a more thorough understanding of disability and how it is related to different topics of nursing The Fundamentals of Care Framework is integrated throughout, showing how each of the three dimensions can be applied to nursing practice by way of application to case study questions throughout the text. Learning outcomes and examples are mapped to the relevant Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice and Patient Safety Competency Framework document. Kozier and Erb's Fundamentals of Nursing prepares students for practice in a range of diverse clinical settings and help them understand what it means to be a competent professional nurse in the twenty-first century. This third Australian edition has once again undergone a rigorous review and writing process. Contemporary changes in the regulation of nursing are reflected in the chapters and the third edition continues to focus on the three core philosophies: Person-centred care, critical thinking and clinical reasoning and cultural safety. Students will develop the knowledge, critical thinking and clinical reasoning skills to deliver care for their patients in ways that signify respect, acceptance, empathy, connectedness, cultural sensitivity and genuine concern. How Does Soil Behave and Why Does It Behave That Way? Soil Mechanics Fundamentals and Applications, Second Edition effectively explores the nature of soil, explains the principles of soil mechanics, and examines soil as an engineering material. This latest edition includes all the fundamental concepts of soil mechanics, as well as an introduction to Perfect for hand therapy specialists, hand therapy students, and any other professional who encounters clients with upper extremity issues, Fundamentals of Hand Therapy, 2nd Edition contains everything you need to make sound therapy decisions. Coverage includes hand anatomy, the evaluation process, and diagnosis-specific information. Expert tips, treatment guidelines, and case studies round out this comprehensive text designed to help you think critically about each client's individual needs. "Overall, a very clear readable style is adopted throughout, with theory supported by various anecdotal case studies. Excellent use is made of illustrations, and many chapters contain the helpful addition of 'clinical pearls' or 'tips from the field', which are an attempt to make transparent the links between theory and practice. In conclusion, this is an excellent core text for reference purposes." Reviewed by: British Journal of Occupational Therapy Date: Aug 2014 Clinical Pearls and Precautions highlight relevant information learned by the experienced author and contributors that you can apply to clinical practice. Case examples included in the diagnoses chapters in Part Three demonstrate the use of clinical reasoning and a humanistic approach in treating the client. Diagnosis-specific information in the final section of the book is well-organized to give you quick access to the information you need. Special features sections such as Questions to Discuss with the Physician, What to Say to Clients, Tips from the Field, and more help readers find their own clinical voices. Online sample exercises give you a pool to pull from during professional practice. NEW! Chapters on yoga and pilates provide guidance into new ways to treat upper extremity problems. NEW! Chapter on wound care gives you a thorough foundation on how wounds impact therapeutic outcomes. NEW! Chapter on orthotics has been added to cover basic splinting patterns. NEW! Online resources help assess your understanding and retention of the material.

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