

Human Physiology 12th Edition

Human Physiology McGraw-Hill Education

Human Anatomy, Media Update, Sixth Edition builds upon the clear and concise explanations of the best-selling Fifth Edition with a dramatically improved art and photo program, clearer explanations and readability, and more integrated clinical coverage. Recognized for helping students establish the framework needed for understanding how anatomical structure relates to function, the text's engaging descriptions now benefit from a brand-new art program that features vibrant, saturated colors as well as new side-by-side cadaver photos. New Focus figures have been added to help students grasp the most difficult topics in anatomy. This is the standalone book. If you want the package order this ISBN: 0321753267 / 9780321753267 Human Anatomy with MasteringA&P™, Media Update Package consists of: 0321753275 / 9780321753274 Human Anatomy, Media Update 0321754182 / 9780321754189 Practice Anatomy Lab 3. 0321765079 / 9780321765079 MasteringA&P" with Pearson eText Student Access Code Card for Human Anatomy, Media Update 0321765648 / 9780321765642 Wrap Card for Human Anatomy with Practice Anatomy Lab 3.0, Media Update 080537373X / 9780805373738 Brief Atlas of the Human Body, A

NOTE: Before purchasing, check with your instructor to ensure you select the correct ISBN. Several versions of Mastering (tm) A&P exist for each title, and registrations are not transferable. To register for and use Mastering A&P, you may also need a Course ID, which your instructor will provide. Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for Mastering A&P may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. For one-semester Anatomy & Physiology courses. This package includes Mastering A&P. Focus on the Essential What, How, & Why of Human Anatomy & Physiology With the 12th Edition of Essentials of Human Anatomy and Physiology, science educator Suzanne Keller joins bestselling author Elaine Marieb in helping learners focus on the essential What, How, & Why of A&P, without getting sidetracked in unnecessary details. Thoroughly updated with dozens of new figures, photos, and current information on medical recommendations and terminology, the 12th Edition continues to set the standard for brief, accessible one-semester A&P texts. The authors' hallmark clear and friendly writing style has been strengthened with familiar analogies and abundant mnemonic cues that help in learning and remembering concepts. Continuing to offer just the right balance of anatomy, physiology, and clinical coverage, engaging new chapter previews help learners hone in on what structures and functions they are studying, how they function, and why they are important to learn. New vocabulary-building activities, a mobile-friendly eText, and Interactive Physiology 2.0 tutorials expand the options for using Mastering (tm) A&P as an effective practice and learning tool. Personalize learning with Mastering A&P. Mastering (tm) A&P is an online homework, tutorial, and assessment program designed to engage students and improve results. Instructors ensure that students arrive ready to learn by assigning educationally effective content before class, and encourage critical thinking and retention with in-class resources such as Learning Catalytics(tm). Students can further master concepts after class through assignments that provide hints and answer-specific feedback. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts.

0134394194 / 9780134394190 Essentials of Human Anatomy & Physiology Plus Mastering A&P with eText -- Access Card Package, 12/e Package consists of: 0134395328 / 9780134395326 Essentials of Human Anatomy & Physiology 0134555112 / 9780134555119 Mastering A&P with Pearson eText -- ValuePack Access Card -- for Essentials of Human Anatomy & Physiology Also available as an easy-to-use, standalone Pearson eText Pearson eText is a simple-to-use, mobile, personalized reading experience that lets instructors connect with and motivate students-directly in their eTextbook. If you would like to purchase the Pearson eText, search for: 0135213037 / 9780135213032 Pearson eText Essentials of Human Anatomy & Physiology -- Access Card OR 0135213010 / 9780135213018 Pearson eText Essentials of Human Anatomy & Physiology -- Instant Access Mastering A&P and Pearson eText should only be purchased when required by an instructor. For one-semester Anatomy & Physiology courses. Focus on the Essential What, How, & Why of Human Anatomy & Physiology With the 12th Edition of Essentials of Human Anatomy and Physiology, science educator Suzanne Keller joins bestselling author Elaine Marieb in helping learners focus on the essential What, How, & Why of A&P, without getting sidetracked in unnecessary details. Thoroughly updated with dozens of new figures, photos, and current information on medical recommendations and terminology, the 12th Edition continues to set the standard for brief, accessible one-semester A&P texts. The authors' hallmark clear and friendly writing style has been strengthened with familiar analogies and abundant mnemonic cues that help in learning and remembering concepts. Continuing to offer just the right balance of anatomy, physiology, and clinical coverage, engaging new chapter previews help learners hone in on what structures and functions they are studying, how they function, and why they are important to learn. New vocabulary-building activities, a mobile-friendly eText, and Interactive Physiology 2.0 tutorials expand the options for using MasteringA&P as an effective practice and learning tool. Note: You are purchasing a standalone product; MyLab & Mastering does not come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & Mastering, search for: 0134394194 / 9780134394190

Essentials of Human Anatomy & Physiology Plus MasteringA&P with eText -- Access Card Package, 12/e Package consists of: 0134395328 / 9780134395326 Essentials of Human Anatomy & Physiology 0134555112 / 9780134555119 MasteringA&P with Pearson eText -- ValuePack Access Card -- for Essentials of Human Anatomy & Physiology MasteringA&P should only be purchased when required by an instructor. " Designed for the one-semester anatomy and physiology course, Hole's Essentials of Human Anatomy and Physiology assumes no prior science knowledge and supports core topics with clinical applications, making difficult concepts relevant to students pursuing careers in the allied health field. The unparalleled teaching system is highly effective in providing students with a solid understanding of the important concepts in anatomy and physiology. Users who purchase Connect Plus receive access to the full online ebook version of the textbook. This 14th edition of the phenomenally successful Principles of Anatomy and Physiology continues to set the standard for the discipline. Written and superbly illustrated for two-term, introductory Anatomy and Physiology students, this text offers a rich and complete teaching and learning environment. WileyPLUS is a research-based online environment for effective teaching and learning. WileyPLUS builds students' confidence because it takes the guesswork out of studying by providing a clear roadmap; what to do, how to do it, if they did it right. With WileyPLUS, students take more initiative so you'll have a greater impact. Access to WileyPLUS sold separately.

Designed for an introductory, one-semester course, the scope, organization, writing style, depth of presentation, and pedagogical aspects of this text have been tailored to meet the needs of students preparing for a career in allied health. This text does not assume any prior science knowledge on the part of the student and effectively presents students with the fundamentals of anatomy and physiology. It's the only one-semester text available with a built-in study guide/workbook. A hallmark feature of this text is the author's presentation of A&P concepts that are accurate, but presented at a level that is appropriate for virtually all students. The new author team highlights the relationships between structure and function of body parts and the mechanisms of homeostasis. In addition, interrelationships of the organ systems are noted where appropriate and useful. Without the excessive detail of some of the longer A & P texts, students can better comprehend key critical concepts in each important area of study. Users who purchase Connect Plus receive access to the full online ebook version of the textbook.

Essentials of the U.S. Health Care System, Fifth Edition is a clear and concise distillation of the major topics covered in the best-selling Delivering Health Care in America by the same authors. Designed for undergraduate and graduate students in programs across the health disciplines, Essentials of the U.S. Health Care System is a reader-friendly, well organized resource that covers the major characteristics,

foundations, and future of the U.S. health care system. The text clarifies the complexities of health care organization and finance and presents a solid overview of how the various components fit together.

"What does everyone in the modern world need to know? [The author's] answer to this most difficult of questions uniquely combines the hard-won truths of ancient tradition with the stunning revelations of cutting-edge scientific research. [The author discusses] discussing discipline, freedom, adventure and responsibility, distilling the world's wisdom into 12 practical and profound rules for life"--

For the two-semester A&P laboratory course. Help manage time and improve learning inside and outside of the lab The #1 best-selling Human Anatomy & Physiology Laboratory Manual helps students and instructors manage time inside and outside of the A&P lab classroom and works hand-in-hand with Mastering A&P, the leading online homework and learning program for A&P. The 13th Edition features dozens of new, full-color figures and photos in the review sheets, as well as revamped clinical application questions and critical thinking questions that reinforce the most important concepts from lab. Encourage students to prepare for lab by assigning recommended Mastering A&P activities for each lab exercise, including 18 pre-lab videos (8 are new to this edition), Building Vocabulary Coaching Activities, exercise review sheet assessment questions, art labeling activities, mobile-ready Practice Anatomy Lab(tm) 3.1 with customizable flashcards, and more. Thousands of assignment options in the Item Library are closely correlated with the print edition of the manual, making it easier than ever to create homework assignments that are aligned with your lab activities. Continuing to set the standard for the 2-semester A&P laboratory course, the lab manual complies with the illustration and presentation style of the best-selling Marieb/Hoehn Human Anatomy & Physiology text, but can accompany any A&P textbook. New customization options are available through Pearson Collections, as well as three conventional versions: Main (12th Edition), Cat (13th Edition), and Fetal Pig (13th Edition). Also available with Mastering A&P By combining trusted author content with digital tools developed to engage students and emulate the office-hour experience, Mastering personalizes learning and improves results for each student. Mastering A&P assignments support interactive features in the lab manual, including pre-lab video coaching activities, bone, muscle, and dissection videos, Dynamic Study Modules, Get Ready for A&P, plus a variety of Art Labeling Questions, Clinical Application Questions, and more. Note: You are purchasing a standalone product; Mastering A&P does not come packaged with this content. Students, if interested in purchasing this title with Mastering A&P, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and Mastering A&P, search for: 0134767330 / 9780134767338 Human Anatomy & Physiology Lab Manual, Main Version Plus MasteringA&P with Pearson eText -- Access Card Package, 12/e Package consists of: 0134763246 / 9780134763248 MasteringA&P with Pearson eText -- ValuePack Access Card -- for Human Anatomy & Physiology Laboratory Manuals 0134806352 / 9780134806358 Human Anatomy & Physiology Lab Manual, Main Version

Includes bibliographical references and index

For courses in 1- and 2-semester Anatomy & Physiology Simplify your Study of Anatomy & Physiology. Combining a wide range and variety of engaging coloring activities, exercises, and self-assessments into an all-in-one Study Guide, the Anatomy and Physiology Coloring Workbook helps you simplify your study of A&P. Featuring contributions from new co-author Simone Brito, the 12th edition of this best-selling guide continues to reinforce the fundamentals of anatomy and physiology through a variety of unique, interactive activities. You now benefit from new crossword puzzles in each chapter, along with dozens of strengthened and expanded exercises, illustrations, and over 100 coloring exercises. Additional self-assessments, "At The Clinic" short answer questions, and unique "Incredible Journey" visualization exercises, further reinforce basic concepts that are relevant to health care careers.

ISBN "9780321822338" from label on back cover.

This text is written for the two semester anatomy & physiology course. Seeley's A&P writing is comprehensive, providing the depth necessary for those courses not requiring prerequisites, and yet, is presented with such clarity that it nicely balances the thorough coverage. Clear descriptions and exceptional illustrations combine to help students develop a firm understanding of the concepts of anatomy and physiology and to teach them how to use that information. Great care has been taken to select important concepts and to perfectly describe the anatomy of cells, organs, and organ systems. To emphasize the concepts of anatomy and physiology, the Seeley A&P authors provide explanations of how the systems respond to aging, changes in physical activity, and disease, with a special focus on homeostasis and the regulatory mechanisms that maintain it. This text has more clinical content than any other A & P book on the market.

The thirteenth edition of the phenomenally successful Principles of Anatomy and Physiology continues to set the standard for the discipline. The authors maintained a 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 continues to be refined and is unsurpassed in the market. The thirteenth edition is fully integrated with a host of innovative electronic media, including WileyPlus 5.0 (access purchased separately.) No other text and package offers a teaching and learning environment as rich and complete.

#1 selling text with great explanations and just enough anatomy! Clear explanations and a solid learning framework have been market tested and refined. Fox helps students master the fundamentals by providing appropriate anatomical detail. Human Physiology, Fourteenth Edition, is intended for the one-semester Human Physiology course often taken by allied health and biology students. The beginning chapters introduce basic chemical and biological concepts to provide students with the framework they need to comprehend physiological principles. The chapters that follow promote conceptual understanding rather than rote memorization of facts. Health applications are included throughout the book to heighten interest, deepen understanding of physiological concepts, and help students relate the material to their individual career goals. Every effort has been made to help students integrate related concepts and understand the relationships between anatomical structures and their functions. Users who purchase Connect Plus receive access to the full online ebook version of the textbook. For one-semester Anatomy & Physiology courses. Focus on the essential what, how, & why of human anatomy & physiology With the 12th Edition of Essentials of Human Anatomy & Physiology, science educator Suzanne Keller joins bestselling author Elaine Marieb in helping learners focus on the essential What, How, & Why of A&P, without getting sidetracked in unnecessary details. Thoroughly updated with dozens of new figures, photos, and current information on medical recommendations and terminology, the 12th Edition continues to set the standard for brief, accessible one-semester A&P texts. The authors' hallmark clear and friendly writing style has been strengthened with familiar analogies and abundant mnemonic cues that help students learn and remember concepts. Continuing to offer just the right balance of anatomy, physiology, and clinical coverage, engaging new chapter previews help learners hone in on what structures and functions they are studying, how they function, and why they are important to learn. Mastering™ A&P not included. Students, if Mastering A&P is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. Mastering A&P should only be purchased when required by an instructor. Instructors, contact your Pearson rep for more information. Mastering A&P is an online homework, tutorial, and assessment program designed to engage students and improve results. Instructors ensure that students arrive ready to learn by assigning educationally effective content before class, and encourage critical thinking and retention with in-class resources such as Learning Catalytics™. Students can further master concepts after class through assignments that provide hints and answer-specific feedback. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts. The new edition of Principles of Anatomy and Physiology maintains the superb balance between structure and function. It continues to emphasize the correlations between normal physiology and pathophysiology, normal anatomy and pathology, and homeostasis and

homeostatic imbalances. The acclaimed illustration program is also even better along with the redevelopment of many of the figures depicting the toughest topics to grasp.

Yatdjulin: Aboriginal and Torres Strait Islander Nursing and Midwifery Care introduces students to the fundamentals of health care of Indigenous Australians, encompassing the perspectives of both the client and the health practitioner. Written for all nurses and midwives, this book addresses the relationship between Aboriginal and Torres Strait Islander cultures and mainstream health services and introduces readers to practice and research in a variety of healthcare contexts. This new edition has been fully updated to reflect current research and documentation, with an emphasis on cultural safety. Three new chapters cover Torres Strait Islander health and wellbeing, social and emotional wellbeing in mainstream mental health services and quantitative research. Chapter content is complemented by case study scenarios, author reflections and reflection questions. These features illustrate historical and contemporary challenges, encourage students to reflect on their own attitudes and values, and provide strategies to deliver quality, person-centred health care.

Known for its clear presentation style, single-author voice, and focus on content most relevant to clinical and pre-clinical students, Guyton and Hall Textbook of Medical Physiology, 14th Edition, employs a distinctive format to ensure maximum learning and retention of complex concepts. A larger font size emphasizes core information, while supporting information, including clinical examples, are detailed in smaller font and highlighted in pale blue – making it easy to quickly skim the essential text or pursue more in-depth study. This two-tone approach, along with other outstanding features, makes this bestselling text a favorite of students worldwide. Offers a clinically oriented perspective written with the clinical and preclinical student in mind, bridging basic physiology with pathophysiology. Focuses on core material and how the body maintains homeostasis to remain healthy, emphasizing the important principles that will aid in later clinical decision making. Presents information in short chapters using a concise, readable voice that facilitates learning and retention. Contains more than 1,200 full-color drawings and diagrams – all carefully crafted to make physiology easier to understand. Features expanded clinical coverage including obesity, metabolic and cardiovascular disorders, Alzheimer's disease, and other degenerative diseases. Includes online access to interactive figures, new audio of heart sounds, animations, self-assessment questions, and more. Evolve Instructor site with an image and test bank is available to instructors through their Elsevier sales rep or via request at <https://evolve.elsevier.com>.

Anatomy and physiology students face the challenge of synthesising a lot of information into conceptual understanding. Principles of Anatomy and Physiology, 1st Asia-Pacific edition, empowers them to improve their learning outcomes and have a great time navigating through a remarkable local tour of the human body! This title provides an excellent introduction to anatomy and physiology, and helps you answer a variety of questions including: How did cutting-edge research by the University of Queensland create the cervical cancer vaccine? Why do fast bowlers and ballet dancers frequently suffer from stress fractures? How does the All Blacks' Haka stimulate nerve impulses? Why do Australia and New Zealand have the highest rates of melanoma in the world?

Hole's Human Anatomy and Physiology assumes no prior science knowledge by students and places an emphasis on the fundamentals. This new edition updates a great Anatomy & Physiology classic. The twelfth edition focuses on Learning Outcomes and Assessments benefiting the student along with the teacher. includes print student edition

For one-semester Anatomy & Physiology courses. Focus on the Essential What, How, & Why of Human Anatomy & Physiology With the 12th Edition of Essentials of Human Anatomy and Physiology, science educator Suzanne Keller joins bestselling author Elaine Marieb in helping learners focus on the essential What, How, & Why of A&P, without getting sidetracked in unnecessary details. Thoroughly updated with dozens of new figures, photos, and current information on medical recommendations and terminology, the 12th Edition continues to set the standard for brief, accessible one-semester A&P texts. The authors' hallmark clear and friendly writing style has been strengthened with familiar analogies and abundant mnemonic cues that help in learning and remembering concepts. Continuing to offer just the right balance of anatomy, physiology, and clinical coverage, engaging new chapter previews help learners hone in on what structures and functions they are studying, how they function, and why they are important to learn. New vocabulary-building activities, a mobile-friendly eText, and Interactive Physiology 2.0 tutorials expand the options for using MasteringA&P as an effective practice and learning tool. Note: You are purchasing a standalone product; MyLab(tm) & Mastering(tm) does not come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & Mastering, search for: 0134394194 / 9780134394190 Essentials of Human Anatomy & Physiology Plus MasteringA&P with eText -- Access Card Package, 12/e Package consists of: 0134395328 / 9780134395326 Essentials of Human Anatomy & Physiology 0134555112 / 9780134555119 MasteringA&P with Pearson eText -- ValuePack Access Card -- for Essentials of Human Anatomy & Physiology MasteringA&P should only be purchased when required by an instructor.

Vander's Human Physiology, twelfth edition, carries on the tradition of clarity and accuracy, while refining and updating the content to meet the needs of today's instructors and students. The twelfth edition features a streamlined, clinically oriented focus to the study of human body systems. It has also responded to reviewer requests for more clinical applications. Chapter 19 was new for the eleventh edition, with three complete case studies. The twelfth edition will contain an additional new case study. Additional Physiology Inquiries have been added to many figures throughout the chapters. These critical-thinking questions are just one more opportunity to add to the students learning experience.

The purpose of this book is to provide nurses and other health workers with knowledge of the structure and functions of the human body and the changes that take place when diseases disrupt normal processes. Its purpose is to describe, not prescribe - medical treatment is not included.

Eric Widmaier (Boston University), Hershel Raff (Medical College of Wisconsin), and Kevin Strang (University of Wisconsin) have taken on the challenge of maintaining the strengths and reputation of Vander's Human Physiology: The Mechanisms of Body Function. Moving beyond the listing of mere facts, it stresses the causal chains of events that constitute the mechanisms of body function. The fundamental purpose of this textbook is to present the principles and facts of human physiology in a format that is suitable for undergraduates regardless of academic background or field of study. Vander's Human Physiology, twelfth edition, carries on the tradition of clarity and accuracy, while refining and updating the content to meet the needs of today's instructors and students. The twelfth edition features a streamlined, clinically oriented focus to the study of human body systems. It has also responded to reviewer requests for more clinical applications. Chapter 19 was new for the eleventh edition, with three complete case studies. The twelfth edition will contain an additional new case study. Additional Physiology Inquiries have been added to many figures throughout the chapters. These critical-thinking questions are just one more opportunity to add to the student's learning experience. Users who purchase Connect Plus receive access to the full online ebook version of the textbook.

A study of human physiology. The beginning chapters introduce basic chemical and biological concepts, and the chapters that follow promote conceptual understanding rather than rote memorization of the facts. Topics new to this edition include neural stem cells, integrins and taste cells.

McGraw-Hill's ConnectPlus interactive learning platform provides auto-graded assessments, a customizable, assignable eBook, an adaptive diagnostic tool, and powerful reporting against learning outcomes and level of difficulty---all in an easy-to-use interface. --

You can now link from Blackboard Learn, Brightspace by D2L, Canvas, or Moodle to Modified Mastering A&P. This product includes all of the resources of Modified Mastering (TM) A&P plus the now fully mobile eText 2.0. eText 2.0 mobile app offers offline access and can be downloaded for most iOS and Android phones/tablets from the Apple App Store or Google Play. Added integration brings videos and other rich media to a student's reading experience. ALERT Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. NOTE: Make sure to use the dashes shown on the Access Card Code when entering the code. Students can use the URL and phone number below to help answer their questions: <http://247pearsoned.custhelp.com/app/home> 800-677-6337 0134652355 / 9780134652351 Modified MasteringA&P with Pearson eText -- Standalone Access Card -- for Essentials of Human Anatomy & Physiology, 12/e Package consists of: 0134555074 / 9780134555072 MasteringA&P -- Pearson eText 2.0 Upgrade -- for Essentials of Human Anatomy & Physiology, 12/e 0134566270 / 9780134566276 MasteringA&P Content -- Access Card Package Sales Accumulator -- for Essentials of Human Anatomy & Physiology, 12/e

Featuring extensive new instructor support materials for easier quizzing in the lab, this best-selling laboratory manual provides a wide variety of exercises and activities designed to meet the needs of any 2-semester anatomy & physiology laboratory course. Known for its thorough, clearly-written exercises, full-color art, and integrated tear-out review sheets, this lab manual gives students a complete hands-on laboratory and learning experience inside and outside of the lab. The new edition has been fully revised with even more accessible language and more than 50 new and improved cadaver and histology photos. It also features engaging new Group Challenge activities that encourage a more active learning experience in the lab. Intended for use with any A&P textbook, the lab manual is available in customized editions as well as in three conventional versions: Main (Tenth Edition), Cat (Eleventh Edition), and Fetal Pig (Eleventh Edition). Completely revised, entirely rewritten, thoroughly updated, and judiciously enlarged by a highly qualified and experienced team of editors.

Students should find this text easy to read and understand. The preciseness of the descriptions and explanations is very impressive. Physiology in much better understanding.

Designed for the one-semester course, Seeley's Essentials of Anatomy and Physiology is written to allow instructors the ability to accomplish one overall goal: to teach the basics of A&P while fostering the skill of problem solving. Through learning how to solve problems and think critically, students learn A&P based on two themes: the relationship between structure and function, and homeostasis. Users who purchase Connect Plus receive access to the full online ebook version of the textbook, as well as SmartBook.

NOTE: You are purchasing a standalone product; MasteringA&P does not come packaged with this content. If you would like to purchase both the physical text and MasteringA&P search for ISBN-10: 0133893383 /ISBN-13: 9780133893380 . That package includes ISBN-10: 0133925595 /ISBN-13: 9780133925593 and ISBN-10: 0133999300 /ISBN-13: 9780133999303. For the two-semester A&P laboratory course. All instructor resources for this title are available in the Instructor Resources section on the MasteringA&P site. Helping millions of future healthcare professionals prepare for lab and practice lab concepts. Revered for its thorough, clearly written exercises and explanations, Human Anatomy & Physiology Laboratory Manual has provided millions of future healthcare professionals with a complete hands-on laboratory and learning experience. The fully revised Twelfth Edition provides a more active, workbook-style approach that incorporates visual summaries, streamlines information, and engages students with hands-on drawing and review activities. New features include assignable Pre-lab Videos that introduce students to the lab and related equipment, and "Why this Matters," which shows the relevance of lab activities to real-life and clinical examples. This edition is fully integrated with MasteringA&P, offering assignable visual media and activities that promote active learning and engage students. For the first time, the lab manual is publishing alongside Marieb/Hoehn's best-selling Human Anatomy & Physiology . Designed to meet the needs of the 2-semester A&P laboratory course, the manual can be used with any A&P textbook and is available in a customized edition, as well as in three conventional versions: Main (Eleventh Edition), Cat (Twelfth Edition), and Fetal Pig (Twelfth Edition). Also Available with MasteringA&P ® This title is also available with MasteringA&P -- an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts. Students, if interested in purchasing this title with MasteringA&P, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information.

The 13th edition of Guyton and Hall Textbook of Medical Physiology continues this bestselling title's long tradition as the world's foremost medical physiology textbook. Unlike other textbooks on this topic, this clear and comprehensive guide has a consistent, single-author voice and focuses on the content most relevant to clinical and pre-clinical students. The detailed but lucid text is complemented by didactic illustrations that summarize key concepts in physiology and pathophysiology. Reflects the latest advances in molecular biology and cardiovascular, neurophysiology and gastrointestinal topics. Bold full-color drawings and diagrams. Short, easy-to-read, masterfully edited chapters and a user-friendly full-color design. Clinical vignettes throughout the text all you to see core concepts applied to real-life situations. Larger font size emphasizes core information around how the body must maintain homeostasis in order to remain healthy, while supporting information and examples are detailed in smaller font and highlighted in pale blue. Summary figures and tables help quickly convey key processes covered in the text. Brand-new quick-reference chart of normal lab values on the inside back cover. Increased number of figures, clinical correlations, and cellular and molecular mechanisms important for clinical medicine. Student Consult eBook version included with purchase. This enhanced

eBook experience includes the complete text, interactive figures, references, plus 50 self-assessment questions and 16 animations. This new edition continues the long tradition of "Guyton" as one of the world's favorite physiology textbooks

NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value--this format costs significantly less than a new textbook. Before purchasing, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. For the two-semester A&P laboratory course. All instructor resources for this title are available in the Instructor Resources section on the MasteringA&P site. Helping millions of future healthcare professionals prepare for lab and practice lab concepts. Revered for its thorough, clearly written exercises and explanations, Human Anatomy & Physiology Laboratory Manual has provided millions of future healthcare professionals with a complete hands-on laboratory and learning experience. The fully revised Twelfth Edition provides a more active, workbook-style approach that incorporates visual summaries, streamlines information, and engages students with hands-on drawing and review activities. New features include assignable Pre-lab Videos that introduce students to the lab and related equipment, and "Why this Matters," which shows the relevance of lab activities to real-life and clinical examples. This edition is fully integrated with MasteringA&P, offering assignable visual media and activities that promote active learning and engage students. For the first time, the lab manual is publishing alongside Marieb/Hoehn's best-selling Human Anatomy & Physiology . Designed to meet the needs of the 2-semester A&P laboratory course, the manual can be used with any A&P textbook and is available in a customized edition, as well as in three conventional versions: Main (Eleventh Edition), Cat (Twelfth Edition), and Fetal Pig (Twelfth Edition). Also Available with MasteringA&P ® This title is also available with MasteringA&P - an online homework, tutorial, and assessment program designed to improve results by helping students quickly master concepts. Students benefit from self-paced tutorials that feature immediate wrong-answer feedback and hints that emulate the office-hour experience to help keep students on track. MasteringA&P's wide range of interactive, engaging, and assignable activities encourage students to actively learn and retain tough course concepts. Students, if interested in purchasing this title with MasteringA&P, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information.

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