

Anatomy And Physiology An Integrative Approach Mckinley

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Master the story of Anatomy & Physiology with Saladin's Anatomy & Physiology: The Unity of Form and Function! Saladin's A&P helps students make connections by telling a story that will intrigue, engage, and inspire them. Saladin expertly weaves together science, clinical applications, history and evolution of the body with vibrant photos and art to convey the beauty and excitement of the subject. A consistent set of chapter learning tools helps students identify and retain key concepts while the stunning visual program provides a realistic view of body structures and processes. Saladin's text requires no prior knowledge of college chemistry or cell biology, and is designed for a two-semester A&P course.

Anatomy and Physiology: An Integrated Approach combines the study of anatomy and physiology into one well-organized and illustrated text. It teaches students about the purposes of organ systems, as well as their interconnections. It educates readers about interactions between systems and how disruption to a single system can impact overall function. The material in Anatomy and Physiology focuses on primary concepts and how to apply them. Linked learning strategies, section-specific references, and short summaries throughout each chapter emphasize and reiterate material to enhance learning and retention. Anatomically accurate, vibrant, realistic artwork helps readers visualize anatomic and physiological principles. Written as an integrative text, Anatomy and Physiology provides a consistent, balanced discussion of both anatomy and physiology within and across chapters. The book provides detailed information on the topics covered in the traditional, two-course sequence of college-level anatomy and physiology but avoids overwhelming readers with inessential information. It is suitable for courses on anatomy, physiology, and human biology, particularly those designed for programs in health care professions.

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Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that your class time is more engaging and effective. The McKinley/O'Loughlin/Bidle: Anatomy & Physiology: An Integrative Approach text brings multiple elements of the study of A&P together in ways that maximize understanding. Text discussions provide structural details in the context of their functional significance to integrate coverage of anatomy and physiology in each chapter. Chapters emphasize the interdependence of body systems by weaving prior coverage of one system into textual explanations of how other systems work. These system relationships are also covered in "Integrate: Concept Connection" boxes. All figures are carefully designed to support the text narrative, and carry brief textual explanations to make figures self-contained study tools. Special "Concept Overview" figures in each chapter tie together multi-faceted concepts in 1- or 2-page visual summaries. Applications are presented in "Integrate: Clinical View" boxes to apply chapter content using clinical examples that show students what can go wrong in the body, to help crystallize understanding of the "norm;" clinical scenarios are also used in "What Do You Think?", "Can You Apply What You've Learned?", and "Can You Synthesize What You've Learned?" question sets; and career opportunities pursued by students studying A&P are highlighted at the beginning of each chapter. Everyday analogies and practical advice for remembering material are presented in "Integrate: Learning Strategy" boxes. Chapters end with a summary of media tools available to help learn each chapter's content.

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McKinley/O'Loughlin/Bidle: Anatomy & Physiology: An Integrative Approach, 2e brings multiple elements of the study of A&P together in ways that maximize understanding. Text

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"Human anatomy and physiology is a fascinating subject. However, students can be overwhelmed by the complexity, the interrelatedness of concepts from different chapters, and the massive amount of material in the course. Our goal was to create a textbook to guide students on a clearly written and expertly illustrated beginner's path through the human body. An Integrative Approach One of the most daunting challenges that students face in mastering concepts in an anatomy and physiology course is integrating related content from numerous chapters. Understanding a topic like blood pressure, for example, requires knowledge from the chapters on the heart, blood vessels, kidneys, and how these structures are regulated by the nervous and endocrine systems. The usefulness of a human anatomy and physiology text is dependent in part on how successfully it helps students integrate these related concepts. Without this, students are only acquiring what seems like unrelated facts without seeing how they fit into the whole. To adequately explain such complex concepts to beginning students in our own classrooms, we as teachers present multiple topics over the course of many class periods, all the while balancing these detailed explanations with refreshers of content previously covered and intermittent glimpses of the big picture. Doing so ensures that students learn not only the individual pieces, but also how the pieces ultimately fit together. This book represents our best effort to replicate this teaching process. In fact, it is the effective integration of concepts throughout the text that makes this book truly unique from other undergraduate anatomy and physiology texts"--

The McKinley/O” clinical scenarios are also used in “What Do You Think?”, “Can You Apply What You've Learned?”, and “Can You Synthesize What You've Learned?” question sets; and career opportunities pursued by students studying A&P are highlighted at the beginning of each chapter. Everyday analogies and practical advice for remembering material are presented in “Integrate: Learning Strategy” boxes. Chapters end with a summary of media tools available to help learn each chapter's content. Users who purchase Connect Plus receive access to the full online ebook version of the textbook.

Complementary and alternative approaches to health and medicine have become increasingly widespread as the limits of conventional treatments become more apparent. Holistic Anatomy presents an authoritative study of anatomy, physiology, and pathology but expands the discussion by connecting the science of the body to a variety of alternative modalities to explore how human beings exist within—and interact with—their environment, and how they experience existence in emotional and spiritual terms. Basic scientific terminology and detailed descriptions are interwoven with informal, sometimes humorous observations, facts, and ideas about life. The mechanisms, structure, and functions of the body are explored, along with how they relate to spiritual and energetic paradigms, emotions, and ecological principles. The first half of the book covers basic anatomy and physiology, describing each major system of the body and how they interrelate. This part includes a thoughtful discussion of aging and the dying process. The second half focuses on models of health and disease, both traditional and holistic. Topics include western pathology, emotional health, five element medicine, and the spiritual cause for disease.

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This text gives students the 'big picture', integrating physiology across all levels from cell and molecular to the intact human.

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With Saladin, students make connections through learning outcomes and assessments, integrated media, and a writing style that clearly depicts anatomy and physiology processes. A consistent set of chapter learning tools helps students identify and retain key concepts while the stunning visual program provides a realistic view of body structures and processes. Saladin's text requires no prior knowledge of college chemistry or cell biology, and is designed for a two-semester A&P course. Users who purchase Connect Plus receive access to the full online ebook version of the textbook, as well full access to LearnSmart, SmartBook, and Anatomy & Physiology Revealed. The seventh edition's changes focus primarily on new science (30+ updates based on advances in science), new writing (30+ new sections of text to improve discussion, update terminology, and include new Deeper Insight examples), and 40+ new and revised photos and illustrations. Also, a new appendix has been added to the 7th edition to include the complete genetic code. Significant improvements have also been made to the Connect question banks.

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SmartBook™ is the first and only adaptive reading experience designed to change the way students read and learn. It creates a personalized reading experience by highlighting the most impactful concepts a student needs to learn at that moment in time. As a student engages with SmartBook, the reading experience continuously adapts by highlighting content based on what the student knows and doesn't know. This ensures that the focus is on the content he or she needs to learn, while simultaneously promoting long-term retention of material. Use SmartBook's real-time reports to quickly identify the concepts that require more attention from individual students—or the entire class.

"Human anatomy and physiology is a complex yet fascinating subject, and is perhaps one of the most personal subjects a student will encounter during his or her education. It is also a subject that can create concern for students because of the sheer volume of material, and the misconception that "it is all about memorization." The study of human anatomy and physiology really comes to life in the anatomy and physiology laboratory, where students get hands-on experience with human cadavers and bones, classroom models, preserved and fresh animal organs, histology slides of human tissues, and explore the process of scientific discovery through physiology experimentation. Yet, most students are at a loss regarding how to approach the anatomy and physiology laboratory. For example, students are often given numerous lists of structures to identify, histology slides to view, and "wet labs" to conduct, but are given comparatively little direction regarding how to recognize structures, or how to relate what they encounter in the laboratory to the material presented in the lecture. In addition, most laboratory manuals on the market contain little more than material repeated from anatomy and physiology textbooks, which provides no real benefit to a student. This laboratory manual takes a very focused approach to the laboratory experience, and provides students with tools to make the subject matter more relevant to their own bodies and to the world around them. Rather than providing a recap of material from classroom lectures and the main textbook for the course, this laboratory manual is much more of an interactive workbook for students: a "how-to" guide to learning human anatomy and physiology through touch, dissection, observation, experimentation, and critical thinking exercises. Students are guided to formulate a hypothesis about each experiment before beginning physiology exercises. Diagrams direct students in how to perform experiments, and don't just show the end results. The text is written in a friendly, conversational tone to put students at ease as they discover, organize, and understand the material presented in each chapter"--

Anatomy and Physiology: An Integrated Approach combines the study of anatomy and physiology into one well-organized and illustrated text. It teaches students about the purposes of organ systems, as well as their interconnections. It educates readers about interactions between systems and how disruption to a single system can impact overall function. The book provides detailed information on the topics covered in the traditional, two-course sequence of college-level anatomy and physiology but avoids overwhelming readers with inessential information. Rather, the material focuses on primary concepts and how to apply them. Linked learning strategies, section-specific references, and short summaries throughout each chapter emphasize and reiterate material, enhancing learning and retention. Anatomically

accurate, vibrant, realistic artwork helps readers visualize anatomic and physiological principles. Written as an integrative text, Anatomy and Physiology provides a consistent, balanced discussion of both anatomy and physiology within and across chapters. The book is suitable for courses on anatomy, physiology, and human biology, particularly those designed for programs in health care professions. Perfect for introductory level students, Hole's Human Anatomy and Physiology assumes no prior science knowledge by focusing on the fundamentals. This new edition updates a great A&P classic, while offering greater efficiencies to the user including the tried and true Learn, Practice, Assess method throughout the text. The 16th edition focuses on helping students master core themes in anatomy and physiology, which are distilled down into key concepts and underlying mechanisms. A new author team who is active in the classroom brings career relevance and more concise language, while updated and enhanced figures provide clarity.

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