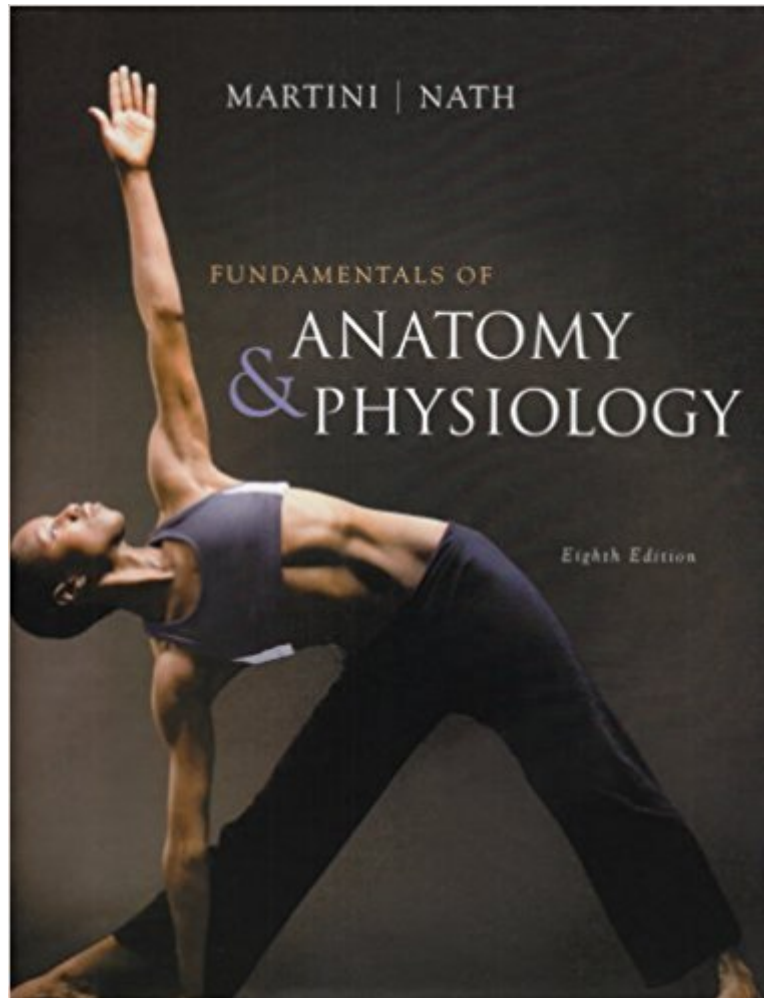




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Fundamentals Of Anatomy & Physiology (8th Edition)



Synopsis

Frederic (Ric) Martini, now joined by accomplished educator and award-winning teacher Judi Nath as his new co-author, builds on his best-selling text by making the Eighth Edition the most student-focused and the easiest to use of all editions yet published. Student-focused elements include new chapter-opening Learning Outcomes, new sentence-style chapter headings that not only introduce new topics but also teach, and a new and simple Tips & Tricks feature that gives you easy analogies and mnemonic devices to help you remember information. The award-winning art program has been enhanced with more deeply contrasting colors and more dimensionality. Every book is automatically packaged with Martini's Atlas of the Human Body, the Interactive Physiology® (IP) 10-System Suite CD-ROM (including the brand-new and eagerly-awaited 10th module on the Immune System), and access to the dramatically upgraded myA&P companion website. Convenient references in the chapters of the book to the Atlas, IP-10, and myA&P help you seamlessly integrate each component into your study routine. In addition to IP-10 and myA&P, the enhanced media offerings for this edition include the new 3D Anatomy Animations with Gradable Quizzes, the new 3D Animations of Origins, Insertions, Actions, and Innervations with Gradable Quizzes. This text now comes with access to MasteringA&P. The great content you're used to seeing in myA&P is also available in the self-study area of MasteringA&P. Package Components

Martini's Atlas of the Human Body NEW! Interactive Physiology (IP) 10-System Suite CD-ROM MasteringA&P Fundamentals of Anatomy & Physiology, Eighth Edition --This text refers to an alternate Hardcover edition.

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KEY MESSAGE: Frederic (Ric) Martini, now joined by accomplished educator and award-winning teacher Judi Nath as his new co-author, builds on his best-selling text by making the Eighth Edition the most reader-focused and the easiest to use of all editions yet published. Reader-focused elements include new chapter-opening “Learning Outcomes, new sentence-style chapter headings that not only introduce new topics but also teach, and a new and simple Tips & Tricks feature that gives readers easy analogies and mnemonic devices to help them remember information. The award-winning art program has been enhanced with more deeply contrasting colors and more dimensionality.

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An Introduction to Anatomy and Physiology, The Chemical Level of Organization, The Cellular Level of Organization, The Tissue Level of Organization, The Integumentary System, Osseous Tissue and Bone Structure, The Axial Skeleton, The Appendicular Skeleton, Articular Cartilage, Articular Ligaments, Muscle Tissue, The Muscular System, Neural Tissue, The Spinal Cord, Spinal Nerves, and Spinal Reflexes, The Brain and Cranial Nerves, Neural Integration I: Sensory Pathways and the Somatic Nervous System, Neural Integration II: The Autonomic Nervous System and Higher-Order Functions, The Special Senses, The Endocrine System, Blood, The Heart, Blood Vessels and Circulation, The Lymphoid System and Immunity, The Respiratory System, The Digestive System, Metabolism and Energetics, The Urinary System, Fluid, Electrolyte, and Acid-Base Balance, The Reproductive System, Development and Inheritance. For all readers interested in anatomy & physiology.

--This text refers to an alternate Hardcover edition.

Dr. Frederic (Ric) Martini received his Ph.D. from Cornell University in comparative and functional anatomy for work on the pathophysiology of stress. His publications include journal articles and contributed chapters, technical reports, and magazine articles. He is the lead author of six other undergraduate texts on anatomy and physiology or anatomy, and has a feature column, “Back to Basics,” in *Physician License and Practice Today*, a quarterly publication for medical students and residents. He is currently affiliated faculty of the University of Hawaii at Manoa and remains connected with the Shoals Marine Laboratory, a joint venture between Cornell

University and the University of New Hampshire. Dr. Martini has been active in the Human Anatomy and Physiology Society (HAPS) for 15 years, and was a member of the committee that established the course curriculum guidelines for A&P. He is now a President Emeritus of HAPS after serving as President-Elect, President, and Past-President over 2004–2007. He is also a member of the American Physiological Society, the American Association of Anatomists, the Society for Integrative and Comparative Biology, the Australia/New Zealand Association of Clinical Anatomists, the Hawaii Academy of Science, the American Association for the Advancement of Science, and the International Society of Vertebrate Morphologists.

Dr. Judi L. Nath is a professor of Biology and Health Sciences at Lourdes College in Sylvania, Ohio, where she teaches anatomy and physiology, medical terminology, pharmacology, and pathophysiology. After receiving her bachelor's degrees in biology and German from Bowling Green State University, she continued on at Bowling Green to earn her master's degree and her Ph.D. from the University of Toledo. Dr. Nath is devoted to her students and strives to convey the intricacies of science in a captivating way that students find meaningful, interactive, and exciting. She won Lourdes College's "Faculty Excellence" award, granted by the college to recognize her effective teaching, scholarship, and community service. Dr. Nath has also served as biology department chair. Being a member of the Human Anatomy and Physiology Society (HAPS) is one of her passions, and she has been elected to office twice and has served on several committees, including the Curriculum and Instruction Committee, which was charged with developing outcomes that match the prescribed curriculum standards established by HAPS. She also holds professional memberships in the American Association of Anatomists (AAA), the Society for College Science Teaching (SCST), and the National Science Teachers Association (NSTA). She is the sole author of *Using Medical Terminology: A Practical Approach* (published by Lippincott Williams & Wilkins), the first book to use a "foreign language/total immersion" approach to teaching medical terminology within the context of applied anatomy and physiology. Dr. Nath has also written ancillary materials, including lecture outlines and test items, for several Martini A&P textbooks. In her spare time Judi takes pleasure in bicycling, playing piano, and enjoying life with her husband, Mike, and their dogs.

--This text refers to an alternate Hardcover edition.

Exactly what I was looking for, new and shrink wrapped. I am a yoga instructor looking for an approachable text on A&P. I had read Kaminoff & Mathews' *Yoga Anatomy* and Coutler's *Anatomy of Hatha Yoga* and was ready for a more in-depth treatment. This one is perfect for me. The text reads like a novel and is easy to follow and understand. I'm doing this as home study and have

found that the supplemental "Mastering A&P" is worth many times its price for the eText alone. But the real payoff for me is the PAL 3 virtual cadaver. When you double click on a muscle, for example, a CGI view of the skeleton with that muscle appears and demonstrates where it attaches and inserts, then how it moves the skeleton at the joints. To make best use of this feature, you'll already need to know the names of most of the bones of the body ("medial cuneiform").

Fundamentals of Anatomy & Physiology helps you succeed in the challenging A&P course with an easy-to-understand narrative, precise visuals, and steadfast accuracy. Every chapter of the Tenth Edition includes one- and two-page Spotlight Figures that seamlessly integrate text and visuals to guide you through complex topics and processes. These highly visual presentations incorporate, for select topics, the "visual approach" that the same author team created in their Visual Anatomy & Physiology book.

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Martini has made significant changes in the 6th Edition of his Anatomy and Physiology text and they prove to be reader-friendly, more technically accurate than competitors such as Marieb, and accompanied by first-rate illustrations. When considering the accompanying Atlas of Human Anatomy, CD-ROM, and Applications Manual, this text is the best in its class.

I love this textbook because I had a more difficult time with Marieb's A&P book. The breakdown and easy-to-understand style was very much beneficial to a non-science oriented student like myself. It actually helps you understand the material and retain the facts better. The small sections through the chapter was very helpful and the answers in the back gave a more thorough run through to

double check your understanding of key points of physiology and anatomy.

I rated it as 4 because the book is awesome. I got what I need for my course. I received everything what was said to be included in the package. To be honest, I was irritated because I received the book late and beat up. However, replaced it. I would just like to suggest though that whoever is the in-charge of the packaging that they should pack the package well. I got the replacement so quick but still it has minor issues on the cover, which I believe is due to transit.

I used this book for my A&P course and it was so amazing. I rarely used another source to clarify something. The only thing about this great book, is that it need lots of time to digest the information. Always keep a note. Repetition is a key. Also there is a series of A&P videos on utube can give a general idea before handling the book. Good luck

This is the book my Anatomy and Physiology class uses. We actually use the next edition, but I purchased this one and it is essentially the same book. SOOOO helpful to have this book in hand, rather than just online as we have it for school. So much great information. Really helps keep my A's!

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