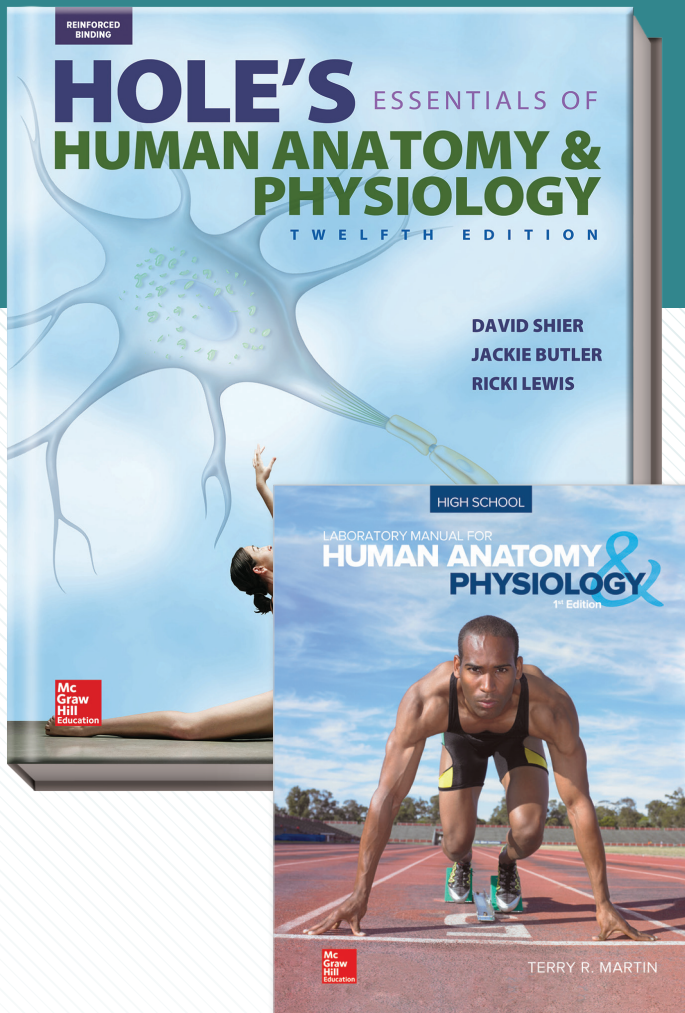


Anatomy & Physiology



Hole's Essentials of Human Anatomy & Physiology (12E), ©2015 Shier

Ideal for An Introductory Anatomy & Physiology Course

Hole's Essentials of Human Anatomy & Physiology assumes no prior science knowledge, makes difficult concepts relevant to students, and provides students with a solid understanding of the important concepts in anatomy and physiology. This edition offers:

- **A new art program** with brighter colors and enhanced 3D effects.
- **End of Chapter material**, updated to alert students to specific digital assets that are available for that chapter.
- **A NEW high school lab manual** with 28 hands-on activities designed to complement any Anatomy & Physiology course or text.
- **Connect®**, an integrated learning system that contains *SmartBook*, an adaptive eBook built on the *LearnSmart* engine. Connect® for Anatomy & Physiology also includes Anatomy & Physiology Revealed (APR®) an online interactive cadaver dissection program.
- **A downloadable eBook** (available through ConnectED).

SMARTBOOK®

ADAPTIVE LEARNING

The first – and only – adaptive reading experience designed to transform the way students read and help them retain more knowledge.

connect®

COURSE SUPPORT

Robust, web-based assignment and assessment platform that supports teachers and students throughout the course.

AP|R

CADAVER DISSECTION EXPERIENCE

Online, interactive cadaver dissection experience that allows students to peel away layers of the human body.

Anatomy & Physiology

TABLE OF CONTENTS

UNIT 1: LEVELS OF ORGANIZATION

- CHAPTER 1** Introduction to Human Anatomy & Physiology
- CHAPTER 2** Chemical Basis of Life
- CHAPTER 3** Cells
- CHAPTER 4** Cellular Metabolism
- CHAPTER 5** Tissues

UNIT 2: SUPPORT AND MOVEMENT

- CHAPTER 6** Integumentary System
- CHAPTER 7** Skeletal System
- CHAPTER 8** Muscular System

UNIT 3: INTEGRATION AND COORDINATION

- CHAPTER 9** Nervous System
- CHAPTER 10** The Senses
- CHAPTER 11** Endocrine System

UNIT 4: TRANSPORT

- CHAPTER 12** Blood
- CHAPTER 13** Cardiovascular System
- CHAPTER 14** Lymphatic System and Immunity

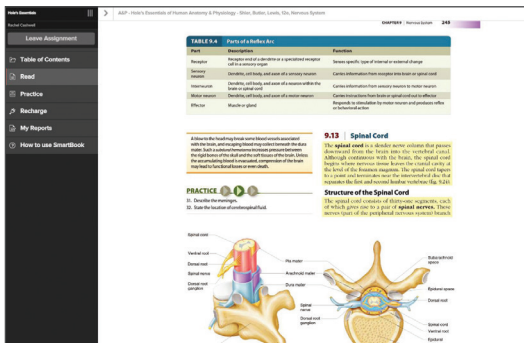
UNIT 5: ABSORPTION AND EXCRETION

- CHAPTER 15** Digestive System and Nutrition
- CHAPTER 16** Respiratory System
- CHAPTER 17** Urinary System
- CHAPTER 18** Water, Electrolyte, and Acid-Base Balance

UNIT 6: THE HUMAN LIFE CYCLE

- CHAPTER 19** Reproductive Systems
- CHAPTER 20** Pregnancy, Growth, Development, and Genetics

PERSONALIZED LEARNING FOR ANATOMY & PHYSIOLOGY



SmartBook is the first and only adaptive eBook designed to change the way students read and learn. Built on the proven *LearnSmart* engine, *SmartBook* identifies what a student does or does not know and adapts in real time to help students learn faster and study more efficiently. Teachers can leverage *LearnSmart's* robust reporting tools, including metacognitive reports and most challenging learning objective reports, to identify areas in which students are struggling and provide targeted remediation to enhance learning.

ISBN LIST

- 6-year Standard Student Bundle (Student Edition with Connect®) 978-0-02-137837-1
- High School Anatomy & Physiology Laboratory Manual 978-0-02-140736-1
- 6-year Student Bundle (Student Edition with eBook) 978-0-02-137825-8

- 6-year Premium Student Bundle (Student Edition with Connect® and Lab Manual) 978-0-07-680071-1
- 6-year Deluxe Student Bundle (Student Edition with eBook and Lab Manual) 978-0-07-670787-4
- 6-year Connect® subscription 978-0-02-140732-3
- 6-year eBook subscription 978-0-02-137494-6

Note: 1-year ISBN bundles are available on the AP Price list

CALL US TO LEARN MORE! 1-800-334-7344