

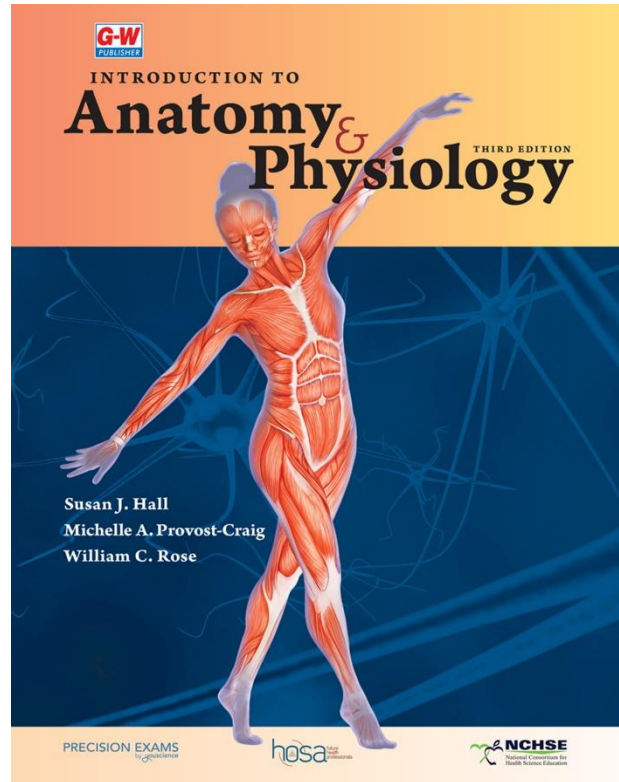


**Correlation of  
Introduction to Anatomy and Physiology  
(Goodheart-Willcox Publisher ©2024)**

to

**South Carolina Medical Terminology Standards, Course Code 5540**

**Introduction to Anatomy and Physiology** covers all body systems using a student-friendly writing style that makes complex subjects easier to understand. Written specifically for the high school market, the chapters in this textbook are divided into lessons, providing content in a manageable format for the student. To add realism, clinical case studies and real-world applications enhance student interest and involvement. An abundance of study aids, such as learning objectives, lesson summaries, and extensive assessment opportunities increase students' ability to succeed in this challenging course.



Standards / Objectives / Indicators	Textbook Pages
<b>Foundation Standard 1: Academic Foundations:</b> Analyze and interpret medical language related to anatomy and physiology, pathology, diagnostic, and therapeutic terms, and abbreviations, focusing on the body systems.	
<b>Human Structure and Function</b>	
1.1. Identify the basic structural and functional organization of the human body	
1.1.a. cells	61-75
1.1.b. tissue	76-87
1.1.c. organ	8
1.1.d. system	4-5, 12
1.2. Differentiate and interpret:	
1.2.a. body planes	5-7, 11
1.2.b. directional terms	7
1.2.c. quadrants	7
1.2.d. cavities	8

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Standards / Objectives / Indicators	Textbook Pages
1.3. Analyze the basic structure and function of the human body as it relates to each body system.	Chapters 3–15 (pages 96–658)
<b>Diseases and Disorders</b>	
1.4. Describe common diseases and disorders of each body system:	113, 116, 117, 118, 121, 166, 171, 213, 215, 218, 263, 267, 287, 290, 297, 304, 308, 339, 340, 342, 343, 344, 376, 378, 379, 384, 415, 417, 419, 465, 467, 468, 470, 513, 558, 562, 595, 643
1.4.a. pathology	113, 116, 117, 118, 121, 166, 171, 213, 215, 218, 263, 267, 287, 290, 297, 304, 308, 339, 340, 342, 343, 344, 376, 378, 379, 384, 415, 417, 419, 465, 467, 468, 470, 513, 558, 562, 595, 643
1.4.b. diagnosis	113, 116, 117, 118, 121, 166, 171, 213, 215, 218, 263, 267, 287, 290, 297, 304, 308, 339, 340, 342, 343, 344, 376, 378, 379, 384, 415, 417, 419, 465, 467, 468, 470, 513, 558, 562, 595, 643
1.4.c. treatment	113, 116, 117, 118, 121, 166, 171, 213, 215, 218, 263, 267, 287, 290, 297, 304, 308, 339, 340, 342, 343, 344, 376, 378, 379, 384, 415, 417, 419, 465, 467, 468, 470, 513, 558, 562, 595, 643
1.4.d. prevention	113, 116, 117, 118, 121, 166, 171, 213, 215, 218, 263, 267, 287, 290, 297, 304, 308, 339, 340, 342, 343, 344, 376, 378, 379, 384, 415, 417, 419, 465, 467, 468, 470, 513, 558, 562, 595, 643
1.5. Identify emerging diseases and disorders (example: Covid-19, Ebola, drug resistant superbugs).	50, 71, 114, 346, 376, 377, 382, 420, 491, 515, 519, 648, 649, 650
1.6. Investigate biomedical therapies as they relate to the prevention, pathology, and treatment of disease.	81
<b>Foundation Standard 2: Communications: Communicate medical terminology effectively, both orally and in writing.</b>	
<b>Concepts of Effective Communication</b>	
2.1. Identify medical terms by examining its word parts and abbreviations	2, 5, 48, 49, 55, 83, 85, 102, 161, 214, 279, 289, 328, 390, 480, 485, 488, 492, 498, 543, 551, 578, 582, 596, 626, 666
2.2. Construct medical terms using	5
2.2.a. prefixes	55, 102, 488, 498, 532, 575, 578, 582, 596
2.2.b. suffixes	48, 214, 289, 498, 549, 596
2.2.c. roots	48, 543, 578
2.2.d. combining forms	48, 49, 83, 289, 328, 485, 488, 492, 498, 551, 596, 626
2.3. Utilize medical terms and abbreviations to communicate information.	182, 279, 332, 333, 390, 480
2.4. Demonstrate pronunciation of medical terms.	95, 100, 279
2.5. Apply listening skills to interpret verbal communication.	39, 44, 95, 183, 288, 315, 355, 481, 527
2.6. Assemble word elements as it relates to healthcare careers.	

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Standards / Objectives / Indicators	Textbook Pages
2.7. Recognize elements of written and electronic communication with emphasis on:	35-36, 39
2.7.a. correct spelling	527, 571, 572, 632
2.7.b. grammar	527, 571, 632
2.7.c. formatting	38, 527, 571, 632
2.8. Summarize the precautions surrounding the use of abbreviations as it pertains to mistakes made in patient care or healthcare practices.	
2.9. Employ reliable resources to interpret medical terminology appropriately.	2, 5, 48, 49, 55, 83, 85, 102, 161, 214, 279, 289, 328, 390, 480, 485, 488, 492, 498, 543, 551, 578, 582, 596, 626