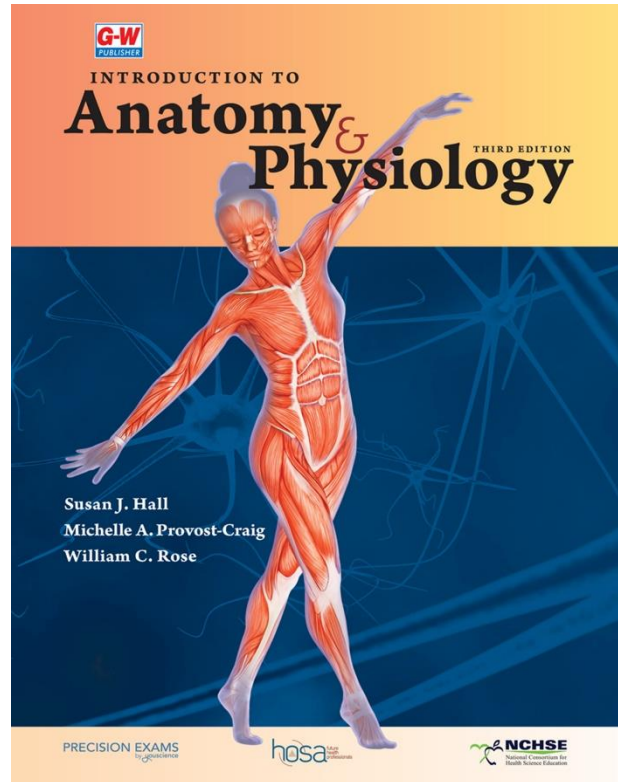




**Correlation of
Introduction to Anatomy and Physiology
(Goodheart-Willcox Publisher ©2024)
to
North Carolina NCCTE.2020.HU40 – Health Science I**

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
NCCTE.2020.HU40.01.00: Understand structural organization of the body and roles of the first responder.	
01.01. Understand types of body tissues	46-95
01.02. Understand anatomical locations and terminology	5-9, 98-100, 102-109, 133-140, 142-164, 201-211, 232-237, 245-261, 282-285, 293-295, 302-304, 306-307, 318-319, 325-337, 358-365, 432-435, 446-456, 484-493, 539-555, 574-578, 588-592, 615-632
01.03. Understand how to recognize and respond to emergencies as a first responder.	456-460, 462-465
NCCTE.2020.HU40.02.00: Understand the body’s support exchange systems.	
02.01. Understand the structures, functions, and disorders of the skeletal system	130-183
02.02. Understand the structures, functions, and disorders of the muscular system	184-229

Standards / Objectives / Indicators	Textbook Pages
02.03. Understand the structures, functions, and disorders of the integumentary system	96-129
NCCTE.2020.HU40.03.00: Understand the body’s nutrient exchange and communication systems.	
03.01. Understand the structures, functions, and disorders of the digestive system	528-571
03.02. Understand the structures, functions, and disorders of the urinary system	572-609
03.03. Understand the structures, functions, and disorders of the nervous system	230-279
03.04. Understand the structures, functions, and disorders of the sensory system	280-315
NCCTE.2020.HU40.04.00: Understand the body’s hormone control systems.	
04.01. Understand the structures, functions, and disorders of the lymphatic and immune systems	482-527
04.02. Understand the structures, functions, and disorders of the endocrine system	316-355
04.03. Understand the structures, functions, and disorders of the male and female reproductive systems.	610-658