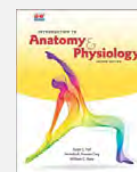


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to North Carolina Department of Education
Course: NCCTE HU40 Health Science I (Grades 9-12)



Standards		Correlating Text Pages
NCCTE.2020.HU40 - Health Science I		
NCCTE.2020.HU40.01.00 Understand structural organization of the body and roles of the first responder		
NCCTE.2020.HU40.01.01	Understand types of body tissues	Molecules of life, 42-54, 69-79, 72, (Check Your Understanding #1-4), 76, (Check Your Understanding #1-3), 78, (Check Your Understanding #1-4), 79 (In the Lab, #12, 13)
NCCTE.2020.HU40.01.02	Understand anatomical locations and terminology	Anatomical Position, 5-9, 5 (Figure 1.1), Memory Tip, 11, (In the Lab, #12, 13, 14), 38 (Building Skills and Connecting Concepts #48)
NCCTE.2020.HU40.01.03	Understand how to recognize and respond to emergencies as a first responder	249, 437-440, 443-444, 452, 461
NCCTE.2020.HU40.02.00 Understand the body's support exchange systems		
NCCTE.2020.HU40.02.01	Understand the structures, functions, and disorders of the skeletal system	Skeletal System , 120-171, 317, Functions of, 122-123, Structures And Classifications of, 123-130, Remodeling of, 130, Skull, 132-135, Vertebral Column, 135-140, Thoracic Cage, 140, Upper Extremity of Appendicular, 142-146, Lower Extremity of Appendicular, 146-149, Immovable Joints, 151, Slightly Movable Joints, 151-152, Freely Movable Joints, 152-153, Articular Tissues, 153, Joint Injuries, 160-161, Aging Effects on, 317
NCCTE.2020.HU40.02.02	Understand the structures, functions, and disorders of the muscular system	Muscular System , 77-78, 172-215, 264-265, Overview, 77-78, Skeletal Muscle, 174, Smooth Muscle, 174-176, Functions Of, 176-178, Cardiac Muscle, 176, Extrinsic Muscles Of Eyes, 264-265
NCCTE.2020.HU40.02.03	Understand the structures, functions, and disorders of the integumentary system	Integumentary System , 93-112 Function, 93-94, Skin Anatomy, 94-97, Skin Appendages, 97-99
NCCTE.2020.HU40.03.00 Understand the body's nutrient exchange and communication systems		
NCCTE.2020.HU40.03.01	Understand the structures, functions, and disorders of the digestive system	Digestive System Activities of, 516-518, GI Tract, 518-520, Esophagus, 524, Stomach, 524-526, Small Intestine, 526-528, Liver And Gallbladder, 528-531, Large Intestine, 532-533



Standards		Correlating Text Pages
NCCTE.2020.HU40.03.02	Understand the structures, functions, and disorders of the urinary system	Urinary System , 70, 550-587, Overview, 70, Diabetes Impact, 573-576, Fetal Development, 569, Kidney, 552-556, 577, 578, Urine Formation, 558-565, Urine Storage, 565-567, Renal Function Assessment, 571-573
NCCTE.2020.HU40.03.03	Understand the structures, functions, and disorders of the nervous system	Nervous System , 216-261, Organization, 218-219, Neurons, 220-221, Action Potentials, 224-225, Brain, 230-236, Cranial Nerves, 238-240, Spinal Cord, 236, Autonomic, 241-244
NCCTE.2020.HU40.03.04	Understand the structures, functions, and disorders of the sensory system	Sensory Systems , 262-297, Ear, 275-282, Eye, Anatomy of, 264-273, Smell, Anatomy And Physiology of, 284-287, Taste, Disorders of Tongue, 288-290
NCCTE.2020.HU40.04.00 Understand the body's hormone control systems		
NCCTE.2020.HU40.04.01	Understand the structures, functions, and disorders of the lymphatic and immune systems	Lymphatic System , Organization, 464-468, Cells, Tissues, and Organs, 468-472, Cancer and Lymph Nodes, 492-494
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