Kentucky CTE

Health Science: Body Structures and Functions 170167 (2026–2027)

Describe the basic structures and functions of cells, tissues, organs, and each body system as they relate to homeostasis. 1	**1 Describe the basic structures and functions of cells, tissues, organs, and each body system as they relate to homeostasis.** 1
Compare relationships among cells, tissues, organs, and systems. 2	**2 Compare relationships among cells, tissues, organs, and systems.** 2
Explain body planes, directional terms, quadrants, and cavities. 3	**3 Explain body planes, directional terms, quadrants, and cavities.** 3
Analyze the interdependence of the body systems as they relate to wellness, disease, disorders, therapies, and care rehabilitation. 4	**4 Analyze the interdependence of the body systems as they relate to wellness, disease, disorders, therapies, and care rehabilitation.** 4
Analyze body system changes in light of diseases, disorders, and wellness. 5	**5 Analyze body system changes in light of diseases, disorders, and wellness.** 5
Compare the aging process among the body systems. 6	**6 Compare the aging process among the body systems.** 6

Skip to main content

Discuss and explain the interrelationships and pathophysiology behind specific illnesses affecting each body system. 7	**7** **Discuss and explain the interrelationships and pathophysiology behind specific illnesses affecting each body system.** 7
Integrate literacy and numeracy concepts and processes across all curricular units. 8	**8** **Integrate literacy and numeracy concepts and processes across all curricular units.** 8