

Course Outcome Guide (COG)

Course	BIOL 115 Concepts of Anatomy and Physiology	Credits:	3	Updated:	Feb. 10, 2020
Course Description:	One semester course that integrates the structure and function of the human body. The course begins with cells and tissues and includes the organ systems. Directed towards majors in transcription, social work, psychology, physical education, and education.				
Concepts and Issues	Process Skills	Assessment Tasks	Intended Outcomes		
			Course	General Education or Program	Institutional
<ul style="list-style-type: none"> • Levels of Organization • Cell Structure and Function • Tissues • Integumentary System • Skeletal System • Muscle System • Nervous System • Senses • Endocrine System • Blood • Cardiovascular System • Lymphatic System and Immunity • Digestive System and Nutrition • Respiratory System • Urinary System 	<p>Identify and name anatomical structure to include: cells, tissues, integument, bones, muscles, the senses, brain, endocrine glands, heart, arteries and veins, lymphatic nodes and vessels, alimentary canal, respiratory and urinary organs.</p> <p>Demonstrate knowledge and understanding of the following:</p> <ol style="list-style-type: none"> a. Anatomical organization b. Role of active/passive transport to maintain homeostasis (osmosis/diffusion) c. The process of muscle contraction and nerve transmission d. Functions of hormones e. Functions of digestive enzymes 	<p>Complete quizzes and examinations demonstrating mastery of concepts.</p> <p>Participation in class discussions.</p>	<p>1) Define anatomy and physiology and how they are interrelated at different levels of structural complexity.</p> <p>2) Identify the basic parts of a cell and describe the function of each part.</p> <p>3) Describe the different body systems and how each functions.</p>	<p>Students will use reasoning skills to analyze and solve problems.</p>	<p>Students will use reasoning skills to analyze and solve problems.</p>