BI 231 General Course Objectives

	General Course Objectives	Core Learning Outcomes
	Upon successful completion of this course, the student should be able to:	
1	Develop a vocabulary of appropriate terminology to effectively communicate information related to anatomy and physiology	Communicate effectively
2	Describe the structure and /or function (physiology) of tissues, organ systems (Integumentary, Skeletal, Muscular, and Nervous (Autonomic only)) and principles of neurophysiology at the different organizational levels and connect to body system interrelatedness	Apply learning; Communicate effectively
3	Explain the principle of homeostasis, identify the key compnents and describe how feedback loops are utilized to achieve homeostasis and control physiological systems in the human body	Apply learning; Think critically; Communicate effectively
4	Use anatomical knowledge to predict or explain physiological consequences, and use knowledge of function to predict or explain the features of anatomical structures	Create ideas and solutions; Think critically; Apply learning; Communicate effectively
5	Demonstrate laboratory procedures used to examine anatomical structures and evaluate physiological functions of the integumentary, skeletal, muscular, and nervous systems (Autonomic and general principles only) and tissues	Apply learning; Communicate effectively
6	Utilize histological techniques to identify specific tissues and structures within the organ systems studied in BI231	Apply learning; Communicate effectively
7	Analyze anatomical and physiology data and/or interpret graphs including those related to homeostasis, muscle and neural physiology	Think critically; Apply learning; Communicate Effectively
8	Approach and examine issues related to the integumentary, skeletal, muscular and nervous (autonomic only) systems and neural physiology using current best scientific evidence	Think critically; Apply learning; Communicate Effectively
9	Link new knowledge to relevant prior knowledge to make connections between anatomy and physiology and human health and disease including the impacts of genetic disorders, lifestyle, economic and environmental challenges on human health	Think critically; Apply learning; Communicate Effectively