



Course Competency Report by Code

Code: ALT1

Anatomy and Physiology Laboratory (ALT1)

Course of Study: ALT1 - Anatomy and Physiology Laboratory
Course Level: Undergraduate
Course Division: General Education
Discipline: Health
Course Type:
Department: AOS Sciences

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
211.4.1	Histology	The graduate identifies major tissues of the body using the microscope, describes the role of histology in understanding anatomy and physiology, and recognizes how structure affects function in the tissues of the body.
211.4.2	Body Membranes	The graduate completes microscopic examinations of the membranes of the body; describes membranes, their function, and their location; and recognizes how disease affects the membranes of the body.
211.4.3	Joints and Movement	The graduate uses laboratory movement, observation, and dissection to investigate the structure and function of joints and describes the effect of injury on joints.
211.4.4	Nervous System	The graduate recognizes major structures of the nervous system, completes dissection of a sheep brain and eye, and recognizes the relationships between taste and smell and between hearing and balance.
211.4.5	Endocrine System	The graduate recognizes how the structure of endocrine glands relates to function, explains how hormones maintain homeostasis, and describes the effect of disease on the working of the endocrine system.
211.4.6	Cardiovascular System	The graduate identifies common components of the blood and cardiovascular system, determines blood type and Rh, and describes the structure and function of the heart and blood vessels.
211.4.7	Respiratory System	The graduate identifies the structures of the respiratory system, distinguishes normal from diseased respiratory tissue, defines and measures lung functional capacities, and explains how disease affects the respiratory system.



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211.4.8	Digestive System	The graduate identifies structures of the digestive system, relates structure to function, explains how enzymes affect digestion, and explains how disease affects the structure and function of the digestive tract.
211.4.9	Urinary System	The graduate identifies structures of the urinary system, relates structure to function, completes a urinalysis, and explains the effect of disease on the urinary system.
211.4.10	Reproductive System	The graduate identifies structures of the male and female reproductive systems, compares spermatogenesis and oogenesis, recognizes stages and characteristics of normal human development, and discusses how disease affects the reproductive system.