

CORE 11024- Anatomy and Physiology for SLTAs

Status	Core
No of Hours	60 hours
No of Credits	4
Learning Outcomes	<ul style="list-style-type: none"> • Describe structures involved in respiration, articulation, phonation and hearing • Describe the functions of structures involved in respiration, articulation, phonation and hearing • Describe the structure and functions of the nervous system • Relate the structure and function of each system to its clinical application
Methods of Teaching and Learning	Lectures Practical
Module content	<p>Unit 1: Introduction:</p> <ul style="list-style-type: none"> • Introduction to anatomy • Composition of the body <p>Unit 2: Neurology</p> <ul style="list-style-type: none"> • Neuro anatomy including visual pathways and development of brain • Neurophysiology: neurotransmitters, motor and sensory systems <p>Unit 3: Respiration</p> <ul style="list-style-type: none"> • Anatomy of the respiratory system • Physiology of the respiratory system • Role of the respiratory system in speech <p>Unit 4: Articulation</p> <ul style="list-style-type: none"> • Theories of articulation • Anatomy of articulation • Physiology of articulation • Dentition and articulation • Swallowing: anatomy and physiology, development of feeding and drinking skills <p>Unit 5: Phonation</p> <ul style="list-style-type: none"> • Anatomy of the Larynx • Physiology of the larynx • Importance of the larynx <p>Unit 6: Hearing and balance</p> <ul style="list-style-type: none"> • Anatomy of the hearing apparatus and the pathways • Physiology of hearing • Functional anatomy of the vestibular system
Assessment	04 SEQs (2 hours): 2 Anatomy, 1 Physiology, 1 SLT 40 MCQs