

DEPARTMENT OF VETERINARY ANATOMY AND PHYSIOLOGY

REVISED FIRST SEMESTER TEACHING TIMETABLE YEAR 2025/2026

BACHELOR OF VETERINARY MEDICINE YEAR ONE

JVP 3101: PHYSIOLOGY I

WEEK	DATE	DAY	TIME	TOPIC	LECTURER
1	2.09.2025	Tuesday	9.00am-10.00am	Introduction to Physiology Cell structure and functions. Membrane properties and transport mechanisms	Dr Towett
			10.30am-12.30pm	Cell structure and functions, Membrane properties and transport mechanisms	"
	3.09.2025	Wednesday	8.00am-10.00am	Membrane properties and transport mechanisms	"
			2.00pm-3.00pm	Neuro physiology	"
	4.09.2025	Thursday	2.00pm-5.00pm	Homeostatic Mechanisms	Dr Wambugu
2	09.09.2025	Tuesday	9.00am-10.00am	Homeostatic Mechanisms	"
			10.30am-12.30pm	Control systems of body: positive and negative Tutorial/Assessment Quiz	"
	10.09.2025	Wednesday	8.00am-10.00am	Neurophysiology, Introduction, Nerve stimulation, conduction, synapses etc	Dr Towett
			2.00pm-3.00pm	Neuro physiology	"
	11.09.2025	Thursday	2.00pm-5.00pm	Sensory organs: somatic and special sense organs (eye, ear)	"
3	16.09.2025	Tuesday	9.00am-10.00am	Spinal cord, sensory and motor cortices, ascending and descending tracts, Autonomic nervous system: sympathetic and parasympathetic trunks	"
			10.30am-12.30pm	Neurophysiology, Introduction, Nerve stimulation, conduction, synapses etc	"
	17.09.2025	Wednesday	8.00am-10.00am	Pain physiology reflex activity Tutorial/Assessment Quiz	"
			2.00pm-3.00pm		"
	18.09.2025	Thursday	2.00pm-5.00pm	Pain physiology reflex activity Tutorial/Assessment Quiz	"
4 & 5	Interrupted learning				
6	11.11.2025	Tuesday	9.00am-10.00am	Muscles: classification, contraction, relaxation mechanisms	Prof Kimwele
			10.30am-12.30pm	Muscle mechanics, muscle spindle, reflexes etc	"
	12.11.2025	Wednesday	8.00am-10.00am	"	"
			2.00pm-3.00pm	"	"
	13.11.2025	Thursday	2.00pm-5.00pm	"	"
7	18.11.2025	Tuesday	9.00am-10.00am	"	"
			10.30am-12.30pm	"	"
	19.11.2025	Wednesday	8.00am-10.00am	Body fluids: classification, composition, functions and fluid regulation	Dr Ochwang'i

			2.00pm-3.00pm	Body fluid regulation Tutorial/Assessment Quiz	
	20.11.2025	Thursday	2.00pm-5.00pm	CAT 1	Drs Ochwang'I/ Wambugu
8	25.11.2025	Tuesday	9.00am-10.00am	Blood formation, composition and functions	Dr Ochwang'i
			10.30am-12.30pm	Hemostasis, blood groups	"
	26.11.2025	Wednesday	8.00am-10.00am	Blood pumping mechanism, (hemodynamics)	"
			2.00pm-3.00pm	Blood pumping mechanism, (hemodynamics)	"
	27.11.2025	Thursday	2.00pm-5.00pm	Regulation of cardiac output, blood pressure	"
9	02.12.2025	Tuesday	9.00am-10.00am	Avian and fish cardiovascular systems	"
			10.30am-11.30pm	Avian and fish cardiovascular systems	"
			11.30am-12.30pm	Fish, Avian cardiovascular systems, Tutorial/Assessment Quiz	
	03.12.2025	Wednesday	8.00am-10.00am	Comparative Respiratory Physiology, Air conditioning and Pulmonary ventilation	Dr Wambugu
			2.00pm-3.00pm	"	"
	04.12.2025	Thursday	2.00pm-5.00pm	Lung Volume and capacities, Alveolar gaseous exchange and blood-gas transport	"
10	09.12.2025	Tuesday	9.00am-10.00am	Regulation of respiration	"
			10.30am-12.30pm	Comparative respiration Avian and Fish, Tutorial/assessment Quiz	"
	10.12.2025	Wednesday	8.00am-10.00am	Renal Physiology Introduction to renal tubule	Dr Kaluwa
			2.00pm-3.00pm	Renal Physiology Introduction to renal tubule	"
	11.12.2025	Thursday	2.00pm-5.00pm	Osmoregulation, urine formation, micturition reflex, buffer systems, acid -base balance	"
11	16.12.2025	Tuesday	9.00am-10.00am	acid -base balance	"
			10.30am-12.30pm	Buffer systems, acid-base balance, Tutorial/Assessment Quiz	"
	17.12.2025	Wednesday	8.00am-10.00am	CAT 2	Drs Nyongesa / Wambugu
			2.00pm-3.00pm	Integumentary system, skin structure, function and role in homeostasis	Dr Towett
	18.12.2025	Thursday	2.00pm-5.00pm	Tutorial/Assessment Quiz	"
	Christmas Break				
12	06.01.2026	Tuesday	9.00am-10.00am	Energy metabolism tutorial / assessment quiz	Prof. Kimwele
			10.30am-12.30pm	Adaptation to Environment	"
	07.01.2026	Wednesday	8.00am-10.00am	Thermoregulation	"
			2.00pm-3.00pm	"	"
	08.01.2026	Thursday	2.00pm-5.00pm	Endocrinology: introduction, Modes of hormone action,	Dr Nyongesa
13	13.01.2026	Tuesday	9.00am-10.00am	Hypothalamus and Pituitary Glands	
			10.30am-12.30pm	Growth, Parathyroid, Thyroid, Pancreatic, Adrenal	
	14. 01.2026	Wednesday	8.00am-10.00am	Monogastric digestion	Dr Nyongesa

			2.00pm-3.00pm	Reabsorption mechanisms, hormonal regulation of digestion		
	15.01.2026	Thursday	2.00pm-5.00pm	Hormonal regulation of digestion Tutorial/Assessment Quiz	"	
14	FIRST SEMESTER EXAMINATIONS					
15						

Departmental Chairperson approval for issue.....

Kalwa

