

UNIVERSITY OF NAIROBI
DEPARTMENT OF VETERINARY ANATOMY AND PHYSIOLOGY
FIRST SEMESTER TEACHING TIMETABLE YEAR 2025/2026
FIRST YEAR BACHELOR OF VETERINARY MEDICINE
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	Membrane properties and transport mechanisms	“
	4.09.2025	Thursday	2.00pm-5.00pm	Membrane properties and transport mechanisms Tutorial/Assessment Quiz	“
2	09.09.2025	Tuesday	9.00am-10.00am	Homeostatic Mechanisms	Dr Wambugu
			10.30am-12.30pm	Control systems of body: positive and negative Tutorial/Assessment Quiz	Dr Wambugu
	10.09.2025	Wednesday	8.00am-10.00am	Neurophysiology, Introduction, Nerve stimulation, conduction, synapses etc	Dr Towett
			2:00-3:00pm	Sensory organs: somatic and special sense organs (eye, ear)	“
	11.09.2025	Thursday	2.00pm-5.00pm	Spinal cord, sensory and motor cortices, ascending and descending tracts, Autonomic nervous system:sympathetic and parasympathetic trunks Tutorial/Assessment Quiz	“
3	16.09.2025	Tuesday	9.00am-10.00am	Muscles: classification, contraction, relaxation mechanisms	Prof. Kimwele
			10.30am-12.30pm	Muscles: classification, contraction, relaxation mechanisms	“
	17.09.2025	Wednesday	8.00am-10.00am	Muscles: classification, contraction, relaxation mechanisms	“
			2:00-3:00pm	“	“
	18.09.2025	Thursday	2.00pm-5.00pm	Muscles: classification, contraction, relaxation mechanisms	“
4	23.09.2025	Tuesday	9.00am-10.00am	Muscles: classification, contraction, relaxation mechanisms	“
			10.30am-12.30pm	Muscle mechanics, muscle spindle, reflexes etc Tutorial/ Assessment Quiz	“
	24.09.2025	Wednesday	8.00am-10.00am	Body fluids: classification, composition, functions and fluid	Dr Kaluwa
			2:00-3:00pm	“	“
	25.09.2025	Thursday	2.00pm-5.00pm	Body fluids: classification, composition, functions and fluid	“
5	30.09.2025	Tuesday	9.00am-10.00am	Body fluid regulation	“
			10.30am-12.30pm	Body fluid regulation Tutorial/Assessment Quiz	“
	01.10.2025	Wednesday	8.00am-10.00am	“	“
			2:00-3:00pm	Blood formation,composition and functions	Dr Ochwang'i
	02.10.2025	Thursday	2.00pm-5.00pm	Hemostasis, blood groups	“

WEEK	DATE	DAY	TIME	TOPIC	LECTURER
6	7.10.2025	Tuesday	9.00am-10.00am	Blood formation, composition, function, hemostasis, blood groups	“
			10.30am-12.30pm	Hemoglobin, hemostasis, blood groups Tutorial/Assessment Quiz	“
	8.10.2025	Wednesday	8.00am-10.00am	CAT 1	Drs Ochwang’I/ Wambugu
			2:00-3:00pm	Blood pumping mechanism, (hemodynamics)	
	9.10.2025	Thursday	2.00pm-5.00pm	“	Dr Ochwang’i
	10.10.2025	Friday	HUDUMA DAY		
7	14.10.2025	Tuesday	9.00am-10.00am	Regulation of cardiac output, blood pressure	“
			10.30am-12.30pm	Avian cardiovascular systems	“
	15.10.2025	Wednesday	8.00am-10.00am	Fish cardiovascular systems	“
			2:00-3:00pm	Fish cardiovascular systems, Tutorial/Assessment Quiz	“
	16.10.2025	Thursday	2.00pm-5.00pm	Comparative Respiratory Physiology, Air conditioning and Pulmonary ventilation	Dr Wambugu
8	20.10.2025	Monday	MASHUJAA DAY		
	21.10.2025	Tuesday	9.00am-10.00am	Lung Volume and capacities	“
			10.30am-12.30pm	Alveolar gaseous exchange and blood-gas transport	“
	22.10.2025	Wednesday	8.00am-10.00am	Regulation of respiration	“
			2:00-3:00pm	“	“
9	28.10.2025	Tuesday	2.00pm-5.00pm	“	“
			9.00am-10.00am	“	“
			10.30am-11.30pm	Comparative respiration Avian and Fish	Dr Wambugu
	29.10.2025	Wednesday	11.30am-12.30pm	Comparative respiration Avian and Fish, Tutorial/assessment Quiz	“
			8.00am-10.00am	Renal Physiology Introduction to renal tubule	Dr Kaluwa
			2:00-3:00pm	Renal Physiology Functional organization, glomerular filtration and tubular function	“
10	04.11.2025	Tuesday	2.00pm-5.00pm	Osmoregulation, urine formation, micturition reflex, buffer systems, acid -base balance	“
			9.00am-10.00am	Buffer systems	“
	05.11.2025	Wednesday	10.30am-12.30pm	CAT 2	Drs Nyongesa/ Kaluwa
			8.00am-10.00am	Acid-base balance, Tutorial/Assessment Quiz	Dr. Kaluwa
	06.11.2025	Thursday	2.00pm-5.00pm	Skin	Dr Towett
11	11.11.2025	Tuesday	2.00pm-5.00pm	Skin	“
			9.00am-10.00am	Adaptation to Environment	Prof. Kimwele
	12.11.2025	Wednesday	10.30am-12.30pm	“	“
			8.00am-10.00am	Thermoregulation, Energy metabolism	“
			2:00-3:00pm	Thermoregulation, Energy metabolism Tutorial/ Assessment Quiz	“
	13.11.2025	Thursday	2.00pm-5.00pm	Endocrinology:introduction,	Dr Nyongesa

WEEK	DATE	DAY	TIME	TOPIC	LECTURER
12	18.11.2025	Tuesday	9.00am-10.00am	Modes of hormone action,	“
			10.30am-12.30pm	Hypothalamus and Pituitary Glands	Dr Nyongesa
	19.11.2025	Wednesday	8.00am-10.00am	Growth, Parathyroid, Thyroid, Pancreatic, Adrenal	Dr Nyongesa
			2:00-3:00pm	Pancreas endocrine, exocrine Tutorial/Assessment Quiz	
	20.11.2025	Thursday	2.00pm-5.00pm	Endocrinology: Introduction, Modes of hormone action,	Dr Nyongesa
13	25.11.2025	Tuesday	9.00am-10.00am	Monogastric digestion	
			10.30am-12.30pm	Monogastric digestion	
	26.11.2025	Wednesday	8.00am-10.00am	Reabsorption mechanisms, hormonal regulation of digestion	
			2:00-3:00pm	“	
	27.11.2025	Thursday	2.00pm-5.00pm	Hormonal regulation of digestion Tutorial/Assessment Quiz	
14 & 15	FIRST SEMESTER EXAMINATIONS				

Approved:
Chairman, Department of Veterinary Anatomy & Physiology

27/8/2025
Date