

UNIVERSITY OF NAIROBI
FACULTY OF VETERINARY MEDICINE
DEPARTMENT OF VETERINARY ANATOMY AND PHYSIOLOGY
FIRST SEMESTER TEACHING TIMETABLES 2024/2025

BACHELOR OF VETERINARY MEDICINE

JVP 3101 PHYSIOLOGY I

WEEK	DATE	DAY	TIME	TOPIC	LECTURER
1.	03/09/2024	Tuesday	9:00 a.m.-10:00 a.m.	Introduction to Physiology	Dr. Towett
			10:30 a.m.-12.30 a.m.	Cell structure and functions; Membrane Properties and	“
	04/09/2024	Wednesday	8:00 a.m.-10:00 a.m.	“	“
	05/09/2024	Thursday	2:00 -5:00 p.m.	Tutorial/Assessment Quiz	“
2.	10/09/2024	Tuesday	9:00 a.m.-10:00 a.m.	Homeostatic mechanisms	Dr. Wambugu
			10:30 a.m.-11.30 a.m.	Control systems of the body: Positive and negative	“
			11.30 a.m.-12:30 p.m.	Tutorial/Assessment Quiz	“
	11/09/2024	Wednesday	8:00 a.m.-10:00 a.m.	Neurophysiology: Introduction, nerve stimulation, conduction , synapses etc.	Dr. Towett
	12/09/2024	Thursday	2:00 pm -5:00 pm	Sensory organs: somatic; and special sense organs (eye and ear)	“
3.	17/09/2024	Tuesday	9:00 a.m.-10:00 a.m.	Spinal cord, sensory and motor cortices, ascending and descending tracts	“
			10:30 a.m.-12:30 p.m.	Autonomic nervous system: Sympathetic, parasympathetic trunks	“
	18/09/2024	Wednesday	8:00 a.m.-10:00 a.m.	Pain Physiology, reflex activity Tutorial / Assessment Quiz.	“
	19/09/2024	Thursday	2:00 p.m.-5:00 p.m.	Muscle Physiology; Introduction	Prof. Kimwele
4.	24/09/2024	Tuesday	9:00 a.m.-10:00 a.m.	Classification, Contraction mechanisms	
			10:30 a.m.-12:30 p.m.	Relaxation mechanisms, muscle mechanics, muscle spindle	“
	25/09/2024	Wednesday	8:00 a.m.-10:00 a.m.	Muscle reflexes etc Tutorial/ Assessment quiz	
	26/09/2024	Thursday	2:00 p.m.-5:00 p.m.	Body fluids: classification, composition, functions and fluid	Dr. Kaluwa
	01/10/2024	Tuesday	9:00 a.m.-10:00 a.m.	B. fluid regulation	“

			10:30 a.m.-12:30 p.m.	B. fluid regulation Tutorial/Assessment Quiz	“
	02/10/2024	Wednesday	8:00 a.m.-10:00 a.m.	Blood formation , composition and functions	Dr. Ochwang’i
	03/10/2024	Thursday	2:00 p.m.-5:00 p.m.	CAT 1	Dr. Ochwang’i/Dr. Kipkoech
6.	08/10/2024	Tuesday	9:00 a.m.-10:00 a.m.	Blood formation, composition and functions Hemostasis, blood groups	“
			10:30 a.m.-12:30 p.m.	Hemoglobin, Hemostasis, blood groups Tutorial/Assessment Quiz	“
	09/10/2024	Wednesday	8:00 a.m.-10:00 a.m.	Blood pumping mechanism (Hemodynamics),	“
	10/10/2024	Thursday	2:00 p.m.-5:00 p.m.	Public Holiday	ALL
7.	15/10/2024	Tuesday	9:00 a.m.-10:00 a.m.	Regulation of cardiac output and blood pressure	Dr. Ochwang’i
			10:30 a.m.-12:30 p.m.	Avian cardiovascular systems	“
	16/10/2024	Wednesday	8:00 a.m.-10:00 a.m.	Fish cardiovascular systems Tutorial/Assessment Quiz	“
	17/10/2024	Thursday	2:00 p.m.-5:00 p.m.	Comparative Respiratory Physiology Air conditioning and pulmonary ventilation,	Dr. Wambugu
8.	22/10/2024	Tuesday	9:00 a.m.-10:00 a.m.	Lung volume and capacities	
			10:30 a.m.-12:30 p.m.	Alveolar gaseous exchange and blood-gas transport	“
	23/10/2024	Wednesday	8:00 a.m.-10:00 a.m.	Regulation of respiration	“
	24/10/2024	Thursday	2:00 p.m.-5:00 p.m.	Regulation of respiration	“
9.	26/11/2024	Tuesday	9:00 a.m.-10:00 a.m.	Regulation of respiration	“
			10:30 a.m.-12:30 p.m.	Comparative respiration Avian and fish Tutorial/ Assessment Quiz	“ Dr. Wambugu/Dr. Kipkoech
	27/11/2024	Wednesday	8:00 a.m.-10:00 a.m.	Renal Physiology Introduction to renal tubule, Functional organization, glomerular filtration and tubular	Dr. Kaluwa
	28/11/2024	Thursday	2:00 p.m.-5:00 p.m.	Urine formation, micturition reflex buffer systems,	“
10.	03/12/2024	Tuesday	9:00 a.m.-10:00 a.m. 10.30 a.m -12.30 a.m	Acid base balance	
	04/12/2024	Wednesday	8:00 a.m.-10:00 a.m.	Buffer systems, acid base balance, Tutorial/ Assessment	Dr. Kaluwa

	05/12/2024	Thursday	2:00 p.m.-5:00 p.m.	CAT 2	Drs. Kaluwa/ Nyongesa/Kipkoech
11.	10/12/2024	Tuesday	9:00 a.m.-10:00 a.m.	Adaptation to environment	Prof Kimwele
			10:30 a.m.-12:30 p.m.	Adaptation to environment Energy Metabolism	“
	11/12/2024	Wednesday	8:00 a.m.-10:00 a.m.	Thermoregulation, Tutorial/Assessment Quiz	“
	12/12/2024	Thursday	2:00 p.m.-5:00 p.m.	Public holiday	“
12.	17/12/2024	Tuesday	9:00 a.m.-10:00 a.m.	Endocrinology - introduction, Modes of hormone action “Hypothalamus and pituitary gland	Dr. Nyongesa
			10:30 a.m.-12:30 p.m.		
	18/12/2024	Wednesday	8:00 a.m.-10:00 a.m.	Growth, thyroid, parathyroid, pancreatic, adrenal	“
13.	19/12/2024	Thursday	2:00 p.m.-5:00 p.m.	Pancreas endocrine, exocrine Tutorial/Assessment Quiz	Dr. Nyongesa/Dr. Kipkoech
	14/01/2025	Tuesday	9:00 a.m.-10:00 a.m. 10:30 a.m.-12:30 p.m.	Monogastric digestion	“
	15/01/2025	Wednesday	8:00 a.m.-10:00 a.m.	Reabsorption mechanisms Hormonal regulation of digestion	“
	16/01/2025	Thursday	2:00 p.m.-5:00 p.m.	Hormonal regulation of digestion	“
	14 & 15	20/01/2025- 31/01/2025	EXAMINATIONS		

Approved:

Chairman, Department of Veterinary Anatomy & Physiology



26/11/2024

Date: