

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

JVP 3103: LABORATORY TECHNIQUES & PRACTICE

WEEK	DATE	DAY	TIME	TOPIC	LECTURER
1	03/09/2024	Tuesday	8:00– 9:00 a.m.	General Lab design: Ventilation, safeguards, drainage	Dr. Towett
	06/09/2024	Friday	8:00 - 10:00 a.m.	“	“
2	10/09/2024	Tuesday	8:00 – 9:00 a.m.	“	“
	13/09/2024	Friday	8:00 - 10:00 a.m.	Lab safety & maintenance: Periodic/routine maintenance	Dr. Towett/Dr. Kipkoech /Mr. Mugweru
3	17/09/2024	Tuesday	8:00 – 9:00 a.m.	Specialized Labs: Radioactive, diagnostic, tissue culture, molecular biology	Prof. Kimwele/ Mr. Irungu
	20/09/2024	Friday	8:00 - 10:00 a.m.	“	“
4	24/09/2024	Tuesday	8:00 – 9:00 a.m.	Cleaning & storage of glassware, plastics Personal protective equipment & safety: Warning signs & symbols	Dr. Kaluwa /Ms. Kagina
	27/09/2024	Friday	8:00 - 10:00 a.m.	Electrical & fire safety, safe use & storage of chemicals, biosafety equipment	“
5	01/10/2024	Tuesday	8:00 – 9:00 a.m.	Lab waste management & disposal systems	Dr. Wambugu / Dr. Kipkoech/ Mr. Tsuma
	04/10/2024	Friday	8:00-10:00 a.m.	CAT 1	Drs. Kaluwa/Kipkoech & Ochwang’i
6	08/10/2024	Tuesday	8:00 – 9:00 a.m.	Principle of weighing & measurements: Calibration, graduation. Standard solutions & buffers	Prof. Kimwele Mr. Irungu
	11/10/2024	Friday	8:00 - 10:00 a.m.	General lab techniques: pipetting, temperature, mass & volumes measurement	“
7	15/10/2024	Tuesday	8:00 – 9:00 a.m.	“	“
	18/10/2024	Friday	8:00-10:00 a.m.	Biochemical techniques – Chromatography, electrophoresis, Spectrophotometry	Dr. Ochwang’i Mr. Tsuma
8	22/10/2024	Tuesday	8:00 – 9:00 a.m.	“	“
	25/10/2024	Friday	8:00 -10:00 a.m.	Physiological techniques – Spirometry, osmometry, flame photometry	“
9	29/10/2024	Tuesday	8:00 – 9:00 a.m.	“	“
	01/11/2024	Friday	8:00 - 10:00 a.m.	Quality assurance & quality control: SOPs, standard curves	Dr. Nyongesa Ms. Ngaywa
10	05/11/2024	Tuesday	8:00 - 9:00 a.m.	“	“
	08/11/2024	Friday	8:00 - 10:00 a.m.	CAT 2	Drs. Towett/Kipkoech & Wambugu

11	12/11/2024	Tuesday	8:00 - 9:00 a.m.	Sterilization methods: use & maintenance of ovens, fridges, freezers, water purification	Dr. Wambugu Mr. Tsuma
	15/11/2024	Friday	8:00 - 10:00 a.m.	Lab animal science: animal care, welfare & use. Handling of laboratory animals, Conduct of minor procedures:	Dr. Nyongesa Ms. Ngaywa
12	19/11/2024	Tuesday	8 am - 9:00 a.m.	blood collection, drug administration	Dr. Wambugu / Mr. Tsuma
	22/11/2024	Friday	8:00 - 10:00 a.m.	Humane methods of killing experimental animals	Dr. Wambugu/Dr. Kipkoech/ Mr. Tsuma
13	26/11/2024	Tuesday	8:00 - 9:00 a.m.	Euthanasia (species specific)	Dr. Kaluwa / Ms. Kagina
	29/11/2024	Friday	8:00 - 10:00 a.m.	Euthanasia (species specific)	"
14 & 15	02/12/2024- 13/12/2024	EXAMINATIONS			

Approved: 
Chairman, Department of Veterinary Anatomy & Physiology

Date: 05/08/2024