

UNIVERSITY OF NAIROBI
FACULTY OF VETERINARY MEDICINE
DEPARTMENT OF VETERINARY ANATOMY AND PHYSIOLOGY
FIRST SEMESTER TEACHING TIMETABLE 2022/2023
BACHELOR OF VETERINARY MEDICINE YEAR ONE

JVP 103: LABORATORY TECHNIQUES & PRACTICE

WEEK	DATE	DAY	TIME	TOPIC	LECTURER
1	04/10/2022	Tuesday	8:00 a.m. – 9:00 a.m.	General Lab design: Ventilation, safeguards, drainage	Dr. Towett
	08/10/2022	Friday	8:00 - 10:00 a.m.	“	“
2	11/10/2022	Tuesday	8:00 – 9:00 a.m.	“	“
	14/10/2022	Friday	8:00 - 10:00 a.m.	Specialized Labs: Radioactive, diagnostic, tissue culture, molecular biology	Prof. Kimwele
3	18/10/2022	Tuesday	8:00 – 9:00 a.m.	Lab safety & maintenance: Periodic/routine maintenance	Dr. Towett/ Mr. Mugweru
	21/10/2022	Friday	8:00 - 10:00 a.m.	Cleaning & storage of glassware, plastics	Dr. Kaluwa / Mr. Kwoba
4	25/10/2022	Tuesday	8:00 – 9:00 a.m.	Personal protective equipment & safety: Warning signs & symbols	“
	28/10/2022	Friday	8:00 - 10:00 a.m.	Electrical & fire safety, safe use & storage of chemicals, biosafety equipment	“
5	01/11/2022	Tuesday	8:00 – 9:00 a.m.	Lab waste management & disposal systems	“
	04/11/2022	Friday	8:00-10:00 a.m.	CAT 1	Drs. Kaluwa & Ochwang'i
6	08/11/2022	Tuesday	8:00 – 9:00 a.m.	Principle of weighing & measurements: Calibration, graduation. Standard solutions & buffers	Prof. Kimwele Mr. Irungu
	11/11/2022	Friday	8:00 - 10:00 a.m.	General lab techniques: pipetting, temperature, mass & volumes measurement	“
7	15/11/2022	Tuesday	8:00 – 9:00 a.m.	“	“
	18/11/2022	Friday	8:00-10:00 a.m.	Biochemical techniques – Chromatography, electrophoresis, Spectrophotometry	Dr. Ochwang'i Mr. Tsuma
8	22/11/2022	Tuesday	8:00 – 9:00 a.m.	“	“
	25/11/2022	Friday	8:00 -10:00 a.m.	Physiological techniques – Spirometry, osmometry, flame photometry	“
9	29/11/2022	Tuesday	8:00 – 9:00 a.m.	“	“
	02/12/2022	Friday	8:00 - 10:00 a.m.	Quality assurance & quality control: SOPs, standard curves	Dr. Nyongesa Ms. Ngaywa
10	6/12/2022	Tuesday	8:00 - 9:00 a.m.	“	“
	09/12/2022	Friday	8:00 - 10:00 a.m.	CAT 2	Drs. Towett & Wambugu
11	13/12/2022	Tuesday	8:00 - 9:00 a.m.	Sterilization methods: use & maintenance of ovens,	Dr. Wambugu Mr. Tsuma

				fridges, freezers, water purification	
	16/12/2022	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	10/01/2023	Tuesday	8 am - 9:00 a.m.	blood collection, drug administration	"
	13/01/2023	Friday	8:00 - 10:00 a.m.	Humane methods of killing experimental animals	Dr. Wambugu Mr. Tsuma
13	17/01/2023	Tuesday	8:00 - 9:00 a.m.	Euthanasia	"
	20/01/2023	Wednesday	8:00 - 10:00 a.m.	Euthanasia	"
14 & 15	23/01/2023- 03/02/2023	EXAMINATIONS			

Approved:



Chairman, Dept. of Veterinary Anatomy & Physiology

25/08/2022

Date