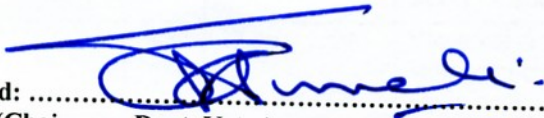


UNIVERSITY OF NAIROBI
DEPARTMENT OF VETERINARY ANATOMY AND PHYSIOLOGY
FIRST SEMESTER TEACHING SCHEDULE FOR BVM 1, 2015-2016
JVP103: - LABORATORY TECHNIQUES & PRACTICE

REVISED

Week	Date	Day	Time	Topic	Lecturer
0				Orientation	Chairman, DVAP
1	23/9/15	Wed	12.30 – 1.30	General Lab design: Ventilation, safeguards, drainage	Dr Towett
	25/9	Fri	8 - 10	“	“
2	30/9	Wed	12.30 – 1.30	Specialized Labs: Radioactive, diagnostic, tissue culture, molecular biology	Dr Oduma
	2/10	Fri	8 - 10	“	“
3	7/10	Wed	12.30 – 1.30	“	“
	9/10	Fri	8 - 10	Lab safety & maintenance: Periodic/routine maintenance	Mr Mugweru
4	14/10	Wed	12.30 – 1.30	Cleaning & storage of glassware, plastics	Dr Kaluwa
	16/10	Fri	8 - 10	Personal protective equipment & safety: Warning signs & symbols	Dr Kaluwa/Mr Irungu
5	21/10	Wed	12.30 – 1.30	Electrical & fire safety, safe use & storage of chemicals, biosafety equipment	“
	23/10	Fri	8 - 10	“	“
6	28/10	Wed	12.30 – 1.30	Lab waste management & disposal systems	Dr Mathiu
	30/10	Fri	8 - 10	Principle of weighing & measurements: Calibration, graduation. Standard solutions & buffers	“
7	4/11	Wed	12.30 – 1.30	General lab techniques: pipetting, temperature measurements, measurements of mass & volumes	Dr Mathiu/Ms Kagina
	6/11	Fri	8 - 10	“	“
8	11/11	Wed	12.30 – 1.30	Basic Biomedical equipment & Techniques: Anatomical techniques- tissue harvesting & processing	Mr Kariuki
	13/11	Fri	8 - 10	Biochemical techniques – Chromatography, electrophoresis, Spectrophotometry	Dr Ochwang'i
9	18/11	Wed	12.30 – 1.30	“	“
	20/11	Fri	8 - 10	Physiological techniques – Spirometry, osmometry, flame photometry	Dr Towett
10	25/11	Wed	12.30 – 1.30	Quality assurance & quality control: SOPs, standard curves	Dr Oduma
	27/11	Fri	8 - 10	Continuous Assessment Test	Dr

					Mathiu/Ochwang'i
11	2/12	Wed	12.30 – 1.30	Sterilization methods: use & maintenance of ovens, fridges, freezers, water purification	Dr Wambugu/Mr Tsuma
	4/12	Fri	8 - 10	“	“
12	9/12	Wed	12.30 – 1.30	Lab Animal Science: Introduction to principles of animal care, welfare & use	Dr Nyongesa
	11/12	Fri	8 - 10	“	“
13	16/12	Wed	12.30 – 1.30	Handling of laboratory animals, Conduct of minor procedures: blood collection, drug administration	Dr Nyongesa/Ms Ngaywa
	18/12	Fri	8 - 10	Humane methods of killing experimental animals	Dr Wambugu/Mr Kamonde
				CHRISTMAS BREAK	
14 & 15	11/1/16 to 23/1/16			First Semester Examination	

Approved:  Date: 28/8/15

(Chairman, Dept. Vet. Anatomy & physiology)