



**Course Descriptor**  
**VTMD393 General Veterinary Medicine and Surgery Lab**

<b>Proposed Academic Year</b>	2021 - 22	<b>Last Reviewed Academic Year</b>	
<b>Course Code</b>	VTMD393	<b>Course Title</b>	General Veterinary Medicine and Surgery Lab
<b>Credit hours</b>	1	<b>Level of study</b>	Undergraduate
<b>College / Centre</b>	CAHS	<b>Department</b>	VTMD
<b>Co-requisites</b>	VTMD324	<b>Pre-requisites</b>	VTMD381

**1. COURSE OUTLINE**

This is an introductory course to veterinary internal medicine & surgery. The course will cover general animal examination, Sample collection for laboratory examinations, allergic diagnostic test, surgical procedures, types of suture materials, types of surgical instruments and inducing of anesthesia.

**2. AIMS**

[This course aims to give the students experience of conducting general clinical examination of sick animals such as body temperature, pulse, heart rate, respiratory rate and compare the result with normal figures. Also, to give the students experience of doing skin incision, control of bleeding and suturing.

**3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS**

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>
Upon successful completion of this course, students will be able to:		
1. Experiment clinical examination of sick animals and evaluation of the health status.	Lecture and Demonstration Lab Work, Group work	Lab work sheet, Prelab assignment
2. Experiment methods of collection, submission, and evaluation of samples for laboratory examination	Lecture and Demonstration Lab Work, Group work	Lab work sheet, Prelab assignment Quiz
3. Prepare and operate allergic diagnostic tests.	Lecture and Demonstration Lab Work, Group work	Lab work sheet, Prelab assignment Practical Examination
4. Recognize surgical instruments, types of suture materials, and making incision.	Lecture and Demonstration Lab Work, Group work	Lab work sheet, Prelab assignment

**4. ASSESSMENT WEIGHTING**

<b>Assessment</b>	<b>Percentage of</b>
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	final mark (%)
Assignment	20%
Quizzes	20%
Mid-term Examination	20%
Final Examination	40%
<b>TOTAL</b>	<b>100%</b>

**5. ACHIEVING A PASS**

Students will achieve **1** credit hours for this course by passing **ALL** of the course assessments [*Lab reports, Mid-term, Final examinations\**] and achieving a **minimum overall score of 50%**

***NB \*Ensure that ALL learning outcomes are taken into account***

**6. COURSE CONTENT (Indicative)**

- Clinical Examination and Making a Diagnosis.
- Examination of the Population.
- Biosecurity and Infection Control.
- General Systemic States.
- Disturbances of Free Water, Electrolytes, Acid-Base Balance, and Oncotic Pressure
- Practical Antimicrobial Therapeutics.

<b>TOTAL HOURS</b>	<b>42</b>
Plus <b>RECOMMENDED INDEPENDENT STUDY HOURS</b>	<b>15</b>
<b>TOTAL COURSE HOURS</b>	<b>57</b>

**7. RECOMMENDED REFERENCES**

**Core text/s:**

-Otto M Radostits, Clive C Gay, BLOOD RADOSTITS Veterinary Medicine 10th Edition, ELSEVIER, Edinburgh London New York Oxford  
-D.J. Meyer, E.H. Coles, L.J. Rich (editors): Veterinary Laboratory Medicine, 3rd Ed., W.B. Saunders Company, USA.(2004).

**Library + online resources:**

**Open Educational Resources:**