



Course Descriptor
VTMD324 General Veterinary Medicine and Surgery

Proposed Academic Year	2021 - 22	Last Reviewed Academic Year	
Course Code	VTMD324	Course Title	General Veterinary Medicine and Surgery
Credit hours	2	Level of study	Undergraduate
College / Centre	CAHS	Department	VTMD
Co-requisites	VTMD393	Pre-requisites	VTMD311

1. COURSE OUTLINE

This course aims to teach students the skills of clinical examination of different animal species especially cattle, sheep, goats, camel, horses, dogs & cats. It also aims to understand the general systemic status of animals, such as, pain, stress, toxemia, fever, septicemia, sudden death, body fluid and electrolytes disturbances, acid-base balance, allergies, appetite disturbances, and poor performance.

2. AIMS

This course aims to give the students experiences 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

Learning Outcomes (Definitive)	Teaching and Learning methods (Indicative)	Assessment (Indicative)
Upon successful completion of this course, students will be able to:		
1. Explain the clinical examination of sick animals and evaluation of the health status.	Power point presentations, lab work, discussion	Work sheets and written examinations
2. Describe methods of collection, submission and evaluation of samples for laboratory examination	Power point presentations, lab work, discussion	Work sheets and written examinations
3. Prepare and operate allergic diagnostic tests.	Power point presentations, lab work, discussion	Work sheets and written examinations
4. Recognize surgical instruments, types of suture materials, and making incision.	Power point presentations, lab work, discussion	Work sheets and written examinations

4. ASSESSMENT WEIGHTING



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

5. ACHIEVING A PASS

Students will achieve **02** credit hours for this course by passing **ALL** of the course assessments [*Quizzes, Mid-term, Final Examination**] 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.

TOTAL HOURS	30
Plus RECOMMENDED INDEPENDENT STUDY HOURS	15
TOTAL COURSE HOURS	45

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: