



Course Descriptor
VTMD391 Systemic Veterinary Pathology Lab

Proposed Academic Year	2021 - 22	Last Reviewed Academic Year	
Course Code	VTMD391	Course Title	Systemic Veterinary Pathology Lab
Credit hours	1	Level of study	Undergraduate
College / Centre	CAHS	Department	VTMD
Co-requisites	VTMD321	Pre-requisites	VTMD381

1. COURSE OUTLINE

The course includes etiology, pathogenesis, gross and microscopic lesions, and diagnosis of diseases of the organ systems in the body. Formal classroom lectures are complemented with laboratory classes and necropsy demonstrations aimed at interpretation of gross and microscopic lesions.

2. AIMS

This course aims to give the students experience of diagnosis of animal diseases by histopathology slides, immunopathology techniques and necropsy procedures.

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. Apply histopathology techniques and diagnosis of the diseases	Lecture and Demonstration Lab Work ,Group work	Lab work sheet, Pre lab assignment
2. Implement immunopathology techniques for diagnosis	Lecture and Demonstration Lab Work ,Group work	Lab work sheet, Pre lab assignment Quiz
3. Conduct necropsy procedures	Lecture and Demonstration Lab Work ,Group work	Lab work sheet, Pre lab assignment Practical Examination

4. ASSESSMENT WEIGHTING

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

5. ACHIEVING A PASS



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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)	
Respiratory system	
Cardiovascular system	
Digestive system	
Urinary System	
Endocrine system	
Haemopoietic system	
Nervous system	
Male reproductive	
Female Reproductive	
Musculoskeletal	
Integumentary system	
Eye and Ear	
TOTAL HOURS	42
Plus RECOMMENDED INDEPENDENT STUDY HOURS	15
TOTAL COURSE HOURS	57

7. RECOMMENDED REFERENCES

Core text/s:

- Jubb, Kennedy & Palmer's (Editors): Pathology of Domestic Animals, 3 Volumes, 6th Edition, USA. Saunders's Ltd. (2015).

Library + online resources:

Open Educational Resources: