



Course Descriptor VTMD321 Systemic Veterinary Pathology

Proposed Academic Year	2021 - 22	Last Reviewed Academic Year	
Course Code	VTMD321	Course Title	Systemic Veterinary Pathology
Credit hours	3	Level of study	Undergraduate
College / Centre	CAHS	Department	VTMD
Co-requisites	VTMD391	Pre-requisites	VTMD311

1. COURSE OUTLINE

This course is the continuity of the general pathology course. In this course the students will be familiarized with the pathological changes in each disease affecting animal. 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 provide knowledge on the gross and histopathological changes in the tissue of diseases organs. It also will give the students experience of histopathology as a diagnostic tool of diseases such as cancer.

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. Perform necropsy procedure on dead animals as a diagnostic tool.	Power point presentations, lab work, discussion	Work sheets and written examinations
2. Apply the histopathology procedure as diagnostic tools of diseases.	Power point presentations, lab work, discussion	Work sheets and written examinations
3. Recognize the pathological changes in the tissue due to the disease.	Power point presentations, lab work, discussion	Work sheets and written examinations
4. Evaluate of the progress in the tissue due to the disease.	Power point presentations, lab work, discussion	Work sheets and written examinations

4. ASSESSMENT WEIGHTING

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

5. ACHIEVING A PASS

Students will achieve **3** credit hours for this course by passing **ALL** of the course assessments [*Quizzes, 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	45
Plus RECOMMENDED INDEPENDENT STUDY HOURS	15
TOTAL COURSE HOURS	60

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: