

**City University of Hong Kong
Course Syllabus**

**offered by Department of Veterinary Clinical Sciences
with effect from Semester B 2020/21**

Part I Course Overview

Course Title: Veterinary Practice & Professional Studies 1

Course Code: VM 3010

Course Duration: 1 semester

Credit Units: 3 credits

Level: B3

Proposed Area:
(for GE courses only)

<input type="checkbox"/>	Arts and Humanities
<input type="checkbox"/>	Study of Societies, Social and Business Organisations
<input type="checkbox"/>	Science and Technology

Medium of Instruction: English

Medium of Assessment: English

Prerequisites:
(Course Code and Title) Completion of Year 2 courses with C grade or above

Precursors:
(Course Code and Title) Nil

Equivalent Courses:
(Course Code and Title) Nil

Exclusive Courses:
(Course Code and Title) Nil

Part II Course Details

1. Abstract

(A 150-word description about the course)

This course complements and augments material learned in The Animal Body courses. It introduces students to physical examination skills that form the core of their medical training along with activities designed to expose students to safe, effective handling and restraint. Using live dogs, cats, horses, and cows in addition to models for learning how to perform clinical examination and diagnosis, the course teaches the skills of observation, auscultation, palpation, and percussion as well as related basic diagnostic procedures. The body systems are examined sequentially and follow the order of study in the courses in The Animal Body.

Veterinary Practice I & II also provides an introduction to core clinical skills and communication structures that students will need when they start their clinical rotations. Clinical procedures are performed predominantly using models and cadaver specimens. Specific skills covered include a surgical scrub, open gloving, instrument handling, simple suture patterns, venipuncture and injection techniques.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs [#]	Weighting* (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Perform a complete, system-specific physical examination as appropriate to the species being examined, using appropriate handling and restraint techniques.		✓	✓	
2.	Demonstrate core clinical procedures including but not limited to simple suture patterns, basic injection techniques and the collection of blood samples from the core species.			✓	
3.	Identify common abnormalities found on the physical examination and describe how these relate to the relevant body system.			✓	
4.	Structure a simple consultation and demonstrate the use of appropriate communication with a client.		✓	✓	
* If weighting is assigned to CILOs, they should add up to 100%.		100%			

[#] Please specify the alignment of CILOs to the Gateway Education Programme Intended Learning outcomes (PILOs) in Section A of Annex.

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative

works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.				Total hours
		1	2	3	4	
Lectures	Introductory lectures	✓		✓		4
Practical labs	Hands-on teaching of clinical and surgical techniques	✓	✓		✓	8
Live animal labs	Hands-on teaching of clinical examination and handling techniques	✓		✓		25
Clinical teaching	Observation of consultations in the veterinary teaching hospital	✓		✓	✓	3

4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.					Weighting*	Remarks
	1	2	3	4			
Continuous Assessment: <u>20%</u>							
Attendance of labs and practical sessions	✓	✓	✓	✓		10%	
Quizzes	✓	✓	✓	✓		10%	
Final Examination: <u>80%</u>							
Written Exam		✓	✓	✓		50%	
OSCE	✓	✓		✓		30%	
						100%	

* The weightings should add up to 100%.

Students must satisfy the following minimum passing requirement:

A minimum of 50% in both the continuous assessments and the final examination.

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C)	Failure (F)
1. Participation in laboratories	Attendance rate at practical sessions.	N/A	N/A	N/A	N/A
2. Quizzes	Must know normal parameters for temperature, pulse and respiration for the major species (dog, cat, cow, sheep, pig, horse). Should have a basic understanding of how to interpret physical examination findings in the context of major body systems (e.g., recognize that an increased heart rate may indicate excitement, fear, pain, shock), but not necessarily attribute a cause.	Excellent knowledge of normal parameters. Accurately identifies more subtle abnormalities in physical examination findings and can explain which body system these are related to.	Good knowledge of normal parameters. Accurately identifies most abnormalities in physical examination findings and can explain which body system these are related to.	Acceptable knowledge of normal parameters, with some gaps. Accurately identifies some obvious abnormalities in physical examination findings and can explain which body system these are related to.	Inadequate knowledge.

3. OSCE	Demonstrates safety and competency in practical skills. Can ask appropriate questions for a simple consultation in a professional manner.	Excellent execution of task with few or no errors. No safety concerns. Excellent communication skills.	Good execution of task, with some minor permissible errors. No safety concerns. Good communication skills.	Adequate execution of task, but with more significant errors. No safety concerns. Adequate communication skills but makes some errors.	Fails to demonstrate appropriate level of competency in practical procedures or completes procedures in an unsafe manner. Poor communication skills or unprofessional.
4. Examination	Ability to explain appropriate restraint techniques and selected clinical procedures. Basic understanding of how to interpret physical examination findings.	Excellent knowledge of normal parameters. Accurately identifies more subtle abnormalities in physical examination findings and can explain which body system these are related to.	Good knowledge of normal parameters. Accurately identifies most abnormalities in physical examination findings and can explain which body system these are related to.	Acceptable knowledge of normal parameters, with some gaps. Accurately identifies some obvious abnormalities in physical examination findings and can explain which body system these are related to.	Inadequate knowledge.

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

(An indication of the key topics of the course.)

Normal behaviour of animals in a clinical setting
Safe handling of animals
Restraint of animals
Physical examination
Observation, auscultation, palpation and percussion
Clinical procedures
Sterile surgical technique
Blood sample collection
Injection techniques
Quick Assessment Tests

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

1.	None
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2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

1.	None
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