

Course title	Canine Anatomy and Physiology				
Course Code	CCAN-203				
Course type	Required				
Level	Diploma				
Year / Semester	2 nd Year / 3 rd Semester				
Lecturer	TBA				
ECTS	6	Periods / Week	3	Practical / Week	N/A
Aims of the Course	This module delves into the intricate anatomy and physiology of canines, providing students with a detailed understanding of the structure and functions of a dog's body. Through this study, students will gain insights into the various systems that contribute to a dog's overall health and well-being.				
Learning Outcomes	By the end of this course, students will be able to: 1. Understand canine anatomy and physiology. 2. Analyze diagnostic tests and medical reports. 3. Apply knowledge to veterinary practice. 4. Demonstrate proficiency in proper handling and restraint techniques for conducting physical examinations on dogs, ensuring the safety and well-being of both the animal and the practitioner.				
Prerequisites	NONE	Core Prerequisites	NONE		
Course Content	1. The major anatomical structures of a dog's body. 2. The functions of different systems, including the skeletal, muscular, circulatory, respiratory, digestive, and nervous systems. 3. The physiological processes involved in digestion, respiration, circulation, and other vital functions in dogs. 4. Common anatomical variations and breed-specific characteristics. 5. Diagnostic tests and medical reports related to canine anatomy and physiology. 6. The role of hormones and the endocrine system in maintaining homeostasis in dogs. 7. The impact of exercise, aging, and disease on a dog's anatomy and physiology. 8. Knowledge of canine anatomy and physiology to identify and address potential health issues in dogs. 9. Proper handling and restraint techniques for conducting physical examinations on dogs.				

Course Delivery	The course is delivered through lectures, discussion, assignments, presentations, case studies and laboratory applications.			
Bibliography	Tartaglia, L. & Waugh, A. (2005). <i>Veterinary Physiology and Applied Anatomy</i> . Elsevier.			
Evaluation	50 %	Final Exam		
	0 – 40 %	Mid –Term / Tests / Quizzes		
	0 – 30 %	Assignments / Projects		
	0 – 20 %	Homework		
	0 – 10 %	Class Attendance & Participation		
	Estimated student’s work time distribution in hours:			
	Contact hours		Student’s private time	
	Lecture	39	Private study	39
	Mid-Term Test	1	Homework / Assignments / Projects	42
	Final Exam	2	Test preparation	9
			Final Exam Preparation	18
	Total:	42	Total:	108
Language of instruction	ENGLISH			