ANHLT 50 Course Outline as of Fall 2022

CATALOG INFORMATION

Dept and Nbr: ANHLT 50 Title: VET ANATOMY TERMINOLOGY
Full Title: Veterinary Anatomy and Terminology
Last Reviewed: 10/11/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	AG 67.2

Catalog Description:
Students will be introduced to the anatomy and physiology of all major body systems in small animals with a focus on companion animal species (canine and feline). This class also covers a body systems approach with an emphasis on veterinary medical terminology. Commonly used veterinary diagnostics and treatments are woven throughout the course as relevant to organ or body structure or function.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: Students will be introduced to the anatomy and physiology of all major body systems in small animals with a focus on companion animal species (canine and feline). This class also covers a body systems approach with an emphasis on veterinary medical terminology. Commonly used veterinary diagnostics and treatments are woven throughout the course as

relevant to organ or body structure or function. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**			Effective:	Inactive:
CSU GE:	**Transfer Area**			Effective:	Inactive:
IGETC:	**Transfer Area**			Effective:	Inactive:
CSU Transfer:	Transferable	Effective:	Fall 1994	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Recognize and identify the normal anatomy of selected organs and organ systems of domestic animals and relate it to the clinical practice of veterinary technology.
2. Apply fundamental anatomical and veterinary medical vocabulary in communication.
3. Discuss the importance of anatomical structure and terminology knowledge to daily clinical work with the canine and feline.

Objectives:
At the conclusion of this course, the student should be able to:
1. Identify normal anatomy and physiology of small companion animals.
2. Discuss and define the terminology of all major organ systems in small companion animals.
3. Define terminology used in small animal veterinary practices.
4. Identify disease progression in small animals using appropriate terminology.
5. Demonstrate an understanding of basic biochemistry, and its relationship to animal nursing.

Topics and Scope:

I. Introduction to Word Vocabulary, Roots, Prefixes, Suffixes, and Combinations; Introduction to Body Planes and Application of Directional Terms
II. Overview of Body Structure and Organization Defined in Terms of Anatomy and Physiology of the Tissues, Organs, and Organ Systems
III. The Hematopoietic System
   A. Terminology
   B. Anatomy
   C. Physiology

IV. The Lymphatic System
- A. Terminology
- B. Anatomy
- C. Physiology

V. The Musculoskeletal System
- A. Terminology
- B. Anatomy
- C. Physiology

VI. The Cardiovascular System
- A. Terminology
- B. Anatomy
- C. Physiology

VII. The Respiratory System
- A. Terminology
- B. Anatomy
- C. Physiology

VIII. The Nervous System
- A. Terminology
- B. Anatomy
- C. Physiology

IX. The Eye and Visual Pathway
- A. Terminology
- B. Anatomy
- C. Physiology

X. The Ear
- A. Terminology
- B. Anatomy
- C. Physiology

XI. The Alimentary System
- A. Terminology
- B. Anatomy
- C. Physiology

XII. The Urinary System
- A. Terminology
- B. Anatomy
- C. Physiology

XIII. The Reproductive System
- A. Terminology
- B. Anatomy
- C. Physiology

XIV. The Endocrine System
- A. Terminology
- B. Anatomy
- C. Physiology

XV. The Integumentary System
- A. Terminology
- B. Anatomy
- C. Physiology

XVI. Pharmacology
- A. Terminology of drugs
- B. Routes of medication administration
- C. Prescription format

Assignment:

1. Weekly reading (35-40 pages).
2. Weekly quizzes.
3. Midterm(s) (1-3) and final exam.
4. Complete (1-3) self-evaluation exercise(s) (from textbook or instructor-prepared materials).
5. Identification of structures on and re-creation of anatomical diagrams in case studies exercise(s) (1-3).

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Case studies exercise(s), self-evaluation exercise(s), weekly quizzes	Problem solving 20 - 60%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Weekly quizzes; midterm(s), final exam	Exams 40 - 80%

Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%

Representative Textbooks and Materials:
An Illustrated Guide to Veterinary Medical Terminology. 4th ed. Romich, Janet Amundson. Delmar Cengage Learning. 2014 (classic)
Clinical Anatomy and Physiology for Veterinary Technicians. 3rd ed. Bassert, Joanna M. and Colville, Thomas P. Mosby. 2015 (classic)
McCurnin's Clinical Textbook for Veterinary Technicians. Bassert, Joanna M. Saunders. 2021.