

ANHLT 50 Course Outline as of Fall 2011**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:

Introduction to the anatomy and physiology of all major body systems with a focus on companion animal species (canine and feline). This class will progress in a body systems format 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: Introduction to the anatomy and physiology of all major body systems with a focus on companion animal species (canine and feline). This class will progress in a body systems format 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

Outcomes and Objectives:

Upon completion of this courses, students will be able to:

- 1) Demonstrate an understanding of basic biochemistry, cell biology and tissue organization.
- 2) Identify normal anatomy and physiology of small companion animals.
- 3) Discuss and define the terminology of all major organ systems in small companion animals.
- 4) Define terminology used in small animal veterinary practices.
- 5) Identify common equipment and lab terminology used in small animal veterinary practices.
- 6) Identify disease progression of small animals using appropriate terminology.
- 7) Describe career opportunities including required education in the animal health field.

Topics and Scope:

- 1) Introduction to word structure, roots, prefixes, suffixes, and combinations; introduction to body planes and application of directional terms.
- 2) Introduction to biology of the cell and related terminology of cellular anatomy and physiology.
- 3) Overview of body structure and organization defined in terms of anatomy and physiology of the tissues, organs, and organ systems.
- 4) The Hematopoietic System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 5) The Lymphatic System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 6) The Musculoskeletal System

- a. Terminology
- b. Anatomy
- c. Physiology
- 7) The Cardiovascular System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 8) The Respiratory System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 9) The Nervous System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 10) The Eye and Visual Pathway
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 11) The Ear
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 12) The Alimentary System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 13) The Urinary System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 14) The Reproductive System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 15) The Endocrine System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 16) The Integumentary System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 17) Pharmacology
 - a. Terminology of drugs
 - b. Routes of medication administration
 - c. Prescription format.
- 18) Lab tests used in the small animal clinic
- 19) Animal health careers

Assignment:

1. Reading in texts and handouts (approx 25 pages per week)
2. Quizzes (up to weekly), midterms (1 or 2) and final exam
3. Completing self evaluation exercises in text
4. Reading, summarizing, and answering questions regarding case studies or veterinary/anatomical research papers
5. Identification of structures on and recreation of anatomical diagrams
6. Presentations on anatomical or veterinary information
7. In-class demonstration of language skills

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.

Written homework

Writing
10 - 30%

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

Homework problems, case studies, text self-evaluation exercises

Problem solving
10 - 30%

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

Language skills, presentations

Skill Demonstrations
10 - 30%

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

Exams: multiple choice, true/false, matching items, completion, identification, case study, essay exams

Exams
30 - 60%

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 by Janet Amundson Romich DVM MS
Published by Delmar Cengage Learning, 3rd ed, 2008

Clinical Anatomy and Physiology for Veterinary Technicians, by Joanna M. Bassert VMD and Thomas P. Colville DVM MSc Published by Mosby, 2nd ed, 2007

McCurnin's Clinical Textbook for Veterinary Technicians by Joanna M. Bassert VMD and Dennis M. McCurnin DVM MS Dipl ACV. Published by: Saunders, 7th ed, 2009

