

ANHLT 50 Course Outline as of Spring 2021**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 in small animals 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 in small animals 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

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 a fundamental anatomical and veterinary medical vocabulary to speaking and writing.
3. Discuss the importance of anatomical structure and terminology knowledge to daily clinical work with the canine and feline.

Objectives:

Upon completion of this courses, students will 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 of small animals using appropriate terminology.
- 5) Describe career opportunities including required education in the animal health field.
- 6) Demonstrate an understanding of basic biochemistry, and how it is relevant to animal nursing

Topics and Scope:

- 1) Introduction to word structure, roots, prefixes, suffixes, and combinations; introduction to body planes and application of directional terms.
- 2) Overview of body structure and organization defined in terms of anatomy and physiology of the tissues, organs, and organ systems.
- 3) The Hematopoietic System
 - a. Terminology
 - b. Anatomy

- c. Physiology
- 4) The Lymphatic System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 5) The Musculoskeletal System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 6) The Cardiovascular System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 7) The Respiratory System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 8) The Nervous System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 9) The Eye and Visual Pathway
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 10) The Ear
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 11) The Alimentary System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 12) The Urinary System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 13) The Reproductive System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 14) The Endocrine System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 15) The Integumentary System
 - a. Terminology
 - b. Anatomy
 - c. Physiology
- 16) Pharmacology
 - a. Terminology of drugs
 - b. Routes of medication administration

- c. Prescription format.
17) Animal health careers

Assignment:

1. Reading in texts and handouts (approx 35 pages per week)
2. Quizzes (up to weekly), midterms (1-3) and final exam
3. Completing self evaluation exercises, including in textbooks
4. Identification of structures on and re-creation of anatomical diagrams

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, self-evaluation exercises, practice quizzes

Problem solving
10 - 30%

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.

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

Exams
40 - 80%

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

Language skills

Other Category
10 - 30%

Representative Textbooks and Materials:

An Illustrated Guide to Veterinary Medical Terminology by Janet Amundson Romich DVM MS
Published by Delmar Cengage Learning, 4th ed, 2014

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.
Published by: Saunders, 8th ed, 2013

