

**ANHLT 110 Course Outline as of Summer 2012****CATALOG INFORMATION**

Dept and Nbr: ANHLT 110 Title: VET MED TERM ANAT/PHYS

Full Title: Intro to Vet Medical Terminology, Anatomy, and Physiology

Last Reviewed: 4/19/2004

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	17.5	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 167.5

**Catalog Description:**

Commonly used terminology and biological concepts used in veterinary medicine. Includes study of basic normal anatomy and physiology (small animal emphasis) in a body systems format, along with related vocabulary and spelling. Commonly used veterinary acronyms and abbreviations are woven throughout the course where relevant.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100.

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Commonly used terminology and biological concepts used in veterinary medicine. Includes study of basic normal anatomy and physiology (small animal emphasis) in a body systems format, along with related vocabulary and spelling. Commonly used veterinary acronyms, abbreviations, and terminology are woven throughout the course where relevant. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100.

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

The student will:

1. Demonstrate an understanding of basic cell biology.
2. Identify normal anatomy and physiology of small companion animals.
3. Define terminology used in small animal veterinary practice.
4. Identify disease progression of small animals.
5. Describe the use of equipment for lab tests or relevant small animal hospital tests.
6. Discuss endocrine system terminology.
7. Discuss terminology of drugs and medications.
8. Describe career opportunities in the animal health field.
9. Discuss the rules and routes of medication administration.
10. Analyze the reproductive system: terminology, anatomy, and physiology.

### **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. Disease progression in animals.
5. Lab tests used in the small animal clinic.
6. The Hematopoietic System - terminology, anatomy, and physiology.

7. The Lymphatic System - terminology, anatomy, and physiology.
8. Animal health careers.
9. The Musculoskeletal System - terminology, anatomy, and physiology.
10. The Cardiovascular System - terminology, anatomy, and physiology.
11. The Respiratory System - terminology, anatomy, and physiology.
12. The Nervous System - terminology, anatomy, and physiology.
13. The Eye and Visual Pathway - terminology, anatomy, and physiology.
14. The Ear - terminology, anatomy, and physiology.
15. The Alimentary System - terminology, oral and GI anatomy, and physiology.
16. The Urinary System - terminology, anatomy, and physiology.
17. The Reproductive System - terminology, anatomy, and physiology.
18. The Endocrine System - terminology, anatomy, and physiology.
19. The Integumentary System - terminology, anatomy, and physiology.
20. Pharmacology - terminology of drugs and routes of medication administration, prescription format.

### Assignment:

1. Reading in text and handouts.
2. Completion of self-evaluation exercises in text.
3. Optional extra-credit reports/presentations.

### 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  
5 - 10%

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

Quizzes, Exams

Problem solving  
20 - 50%

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

Class performances, Performance exams

Skill Demonstrations  
20 - 60%

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

Multiple choice, True/false, Matching items

Exams  
10 - 30%

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

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

CLINICAL TEXTBOOK FOR VETERINARY TECHNICIANS:

by Dennis M. McCurnin D.V.M.M.S.

Publisher: W B Saunders, 1998, Fourth Edition