



DEPARTMENT OF ANIMAL HEALTH
COURSE OUTLINE – WINTER 2010
AH 172 – VETERINARY MEDICAL TERMINOLOGY

INSTRUCTOR: Trisha Holubowich, RAHT **PHONE:** 780-835-6633
OFFICE: AS 136 **E-MAIL:** tholubowich@gprc.ab.ca

OFFICE HOURS: 9 am – 4 pm

PREREQUISITE(S)/COREQUISITE:

AH 246 Animal Nursing 1

REQUIRED TEXT/RESOURCE MATERIALS:

- Janet Amundson Romich, *Veterinary Medical Terminology*, Delmar, 2009, 3rd Edition

CALENDAR DESCRIPTION:

Proper use of medical nouns, verbs and adjectives, includes background in root words and development of prefix, suffix and plural variations. Students will learn to provide definitions of medical terms and use correct abbreviations or symbols.

CREDIT/CONTACT HOURS: 1/16

DELIVERY MODE(S): Lecture & Lab

OBJECTIVES:

Module 1: An Illustrated Guide to Veterinary Medical Terminology: Chapter 1

Upon successful completion of this Module, you will be able to describe and apply basic medical word structure by identifying and using the component parts.

1. Identify and recognize the parts of a medical term.
2. Define commonly used prefixes, combining forms, and suffixes.
3. Describe and apply basic medical terms.
4. Practice pronunciation of medical terms.
5. Recognize the importance of medical dictionary use.

6. Practice medical dictionary use.

Module 2: An Illustrated Guide to Veterinary Medical Terminology: Chapter 2

Upon successful completion of this Module, you will be able to identify and describe medical terms as they relate to different planes, positions and structural units of an animal's body.

1. Identify and distinguish body planes, positional terms, directional terms and body cavities.
2. Identify terms used to describe the structure of cells, tissues and glands.
3. Define terms related to body cavities and structure.
4. Recognize define, spell and pronounce medical terms related to pathology and procedures.
5. Identify body systems by their components, functions, and combining forms.
6. Identify prefixes that assign numeric value.

Module 3: An Illustrated Guide to Veterinary Medical Terminology: Chapter 3

Upon successful completion of this Module, you will be able to demonstrate correct use of medical terminology of the musculoskeletal system as it applies to anatomy, physiology, pathology, physical examination, diagnostic procedures, clinical procedures, treatments and abbreviations.

1. Identify and describe the major structures and functions of the musculoskeletal system.
2. Describe bone anatomy terms.
3. Differentiate between axial and appendicular skeletons.
4. Recognize, define, spell, and pronounce terms related to diagnosis, pathology and treatment of the musculoskeletal system.
5. Construct musculoskeletal terms from word parts.

Module 4: An Illustrated Guide to Veterinary Medical Terminology: Chapters 4 & 5 Upon successful completion of this Module, you will be able to identify and describe common terms for various species.

1. Identify and describe the common anatomic term for the species provided.
2. Recognize, define, spell and pronounce terms relating to their anatomic location.
3. Identify and recognize common terms used for animals.
4. Define common terms used to denote sex and age of animals.
5. Define common terms used to denote birthing and grouping of animals.

Module 5: An Illustrated Guide to Veterinary Medical Terminology: Chapter 6

Upon successful completion of this Module, you will be able to analyze , spell and pronounce terms related to diagnosis, pathology, and treatment of the digestive system.

1. Identify and describe the major structures and functions of the digestive tract.
2. Distinguish between monogastric and ruminant digestive system anatomy and physiology.
3. describe the processes of digestion, absorption and metabolism
4. Recognize, define, spell, and pronounce terms related to the diagnosis, pathology and treatment of the digestive system.

Module 6: An Illustrated Guide to Veterinary Medical Terminology: Chapter 7

Upon successful completion of this Module, you will be able to describe the components of the urinary system and their functions, with emphasis on the role of the kidney in the maintenance of hemostasis.

1. Identify the major organs/tissues of the urinary system.
2. Describe the major functions of the urinary system.
3. Recognize, define, spell and pronounce terms relating to diagnosis, pathology, and treatment of the urinary system.

Module 7: An Illustrated Guide to Veterinary Medical Terminology: Chapter 8

Upon successful completion of this Module, you will be able to analyze, spell and synthesize medical terms pertaining to the cardiovascular system.

1. Identify the structures of the cardiovascular system.
2. Differentiate between the types of blood vessels and describe their functions.
3. Describe the functions of the cardiovascular system.
4. Describe the flow of blood throughout the body.
5. Recognize, define, spell and pronounce the terms related to the diagnosis, pathology and treatment of the cardiovascular system.

Module 8: An Illustrated Guide to Veterinary Medical Terminology: Chapter 9 & 10 Upon successful completion of this Module, you will be able to analyze, spell, and synthesize medical terms pertaining to the respiratory and integumentary system.

1. Identify and describe the major structures and functions of the respiratory system.
2. Recognize, define, spell, and pronounce terms related to the diagnosis, pathology and treatment of the respiratory system.
3. Identify the structures of the integumentary system.
4. Describe the functions of the integumentary system.
5. Recognize, define, spell, and pronounce the terms used to describe diagnosis, pathology and treatment of the integumentary system.

Module 9: An Illustrated Guide to Veterinary Medical Terminology: Chapter 11

Upon successful completion of this Module, you will be able to demonstrate correct use of the medical terminology of the endocrine system as it applies to anatomy, physiology, pathology, diagnostic procedures, treatments and abbreviations.

1. Identify and describe the major structures and functions of the endocrine system.
2. Describe the role of the hypothalamus and pituitary gland in hormone secretion.
3. Recognize, define, spell and pronounce terms related to the diagnosis, pathology and treatment of the endocrine system.

Module 10: An Illustrated Guide to Veterinary Medical Terminology: Chapter 12

Upon successful completion of this Module, you will be able to analyze, spell and synthesize medical terms pertaining to the female and male reproductive systems.

1. Identify and describe the functions and structures of the male and female reproductive systems.
2. Recognize, define, spell and pronounce the terms related to the diagnosis, pathology, and treatment of the reproductive systems.
3. Describe the estrous cycle in females using medical terminology.

Module 11: An Illustrated Guide to Veterinary Medical Terminology: Chapter 13

Upon successful completion of this Module, you will be able to analyze, spell and synthesize

medical terms pertaining to the nervous system. (8/24/2005 3:38:19 PM)

1. Identify and describe the structures and functions of the nervous system.
2. Identify the divisions of the nervous system and describe the structures and functions of each.
3. recognize, define, spell and pronounce terms related to the diagnosis, pathology and treatment of the nervous system.

Module 12: An Illustrated Guide to Veterinary Medical Terminology: Chapter 14 Upon successful completion of this Module, you will be able to demonstrate correct use of the medical terminology of the eyes and ears as it applies to anatomy physiology, pathology, physical examination, signs and symptoms, diagnostic procedures, treatments and abbreviations.

1. Identify and describe the structures and functions of the eyes and ears.
2. recognize, define, spell and pronounce terms related to the diagnosis, pathology and treatment of the eye and ear disorders.

Module 13: An Illustrated Guide to Veterinary Medical Terminology: Chapter 15 Upon successful completion of this Module, you will be able to demonstrate correct use of the medical terminology of the hematologic system, immune system, and lymphatic system.

1. Identify and describe the major structures and functions of the hematologic and immune systems.
2. Recognize, define, spell and pronounce the major terms related to diagnosis, pathology and treatment of the hematologic, immune and lymphatic systems.
3. recognize, define, spell and pronounce terms related to oncology.

Module 14: An Illustrated Guide to Veterinary Medical Terminology: Chapter 16 Upon successful completion of this Module, you will be able to demonstrate correct use of medical terminology as it relates to physical examination, laboratory analysis and diagnostic imaging.

1. Describe terms and equipment for the basic physical examination.
2. Recognize, define, spell and pronounce terms associated with physical examinations.
3. Recognize, define, spell and pronounce terms associated with laboratory analysis.
4. Describe positioning for radiographic and imaging procedures.
5. Recognize, define, spell and pronounce terms associated with radiographic and imaging procedures.

Module 15: An Illustrated Guide to Veterinary Medical Terminology: Chapter 17 Upon successful completion of this Module, you will be able to demonstrate correct use of medical terminology as it pertains to pharmacology, pathology and surgery.

1. Recognize, define, spell and pronounce the terms associated with pharmacology and drugs used in various treatments.
2. Recognize, define, spell and pronounce the terms associated with pathological procedures and processes.
3. Recognize, define, spell and pronounce the terms associated with different types of surgery and the instruments in surgery.

TRANSFERABILITY: N/A ** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A ⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A ⁻	3.7	80 – 84	FIRST CLASS STANDING
B ⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B ⁻	2.7	70 – 72	
C ⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C ⁻	1.7	60 – 62	MINIMAL PASS*
F	1.3	55 – 59	FAIL
	1.0	50 – 54	
	0.0	0 – 49	
WF	0.0	0	FAIL, withdrawal after the deadline

*overall grade average has to be 2.0 or higher to be successful in the program.

STUDENT EVALUATION: A passing grade in this course is a minimum of 60% in the theory portion. Deductions at the discretion of the instructor. The instructor may give pop quizzes. There is a supplemental examination available only for the final exam. Students must have a mark of 50% or greater on the final exam to be allowed to write a supplemental exam. No supplemental quizzes allowed. If a student misses a quiz without prior notification and without a valid reason, a mark of zero will be assigned for that quiz. Late assignments not accepted.

Mark Distribution

A. Assignments	15%
B. Quizzes	25%
C. Final Exam	60%
	100%

STUDENT EQUIPMENT AND SUPPLIES

- Simple Calculator
- Blue or Black Pen

EXAMINATIONS:

STUDENT RESPONSIBILITIES: Enrolment at Grande Prairie Regional College assumes that the student will become a responsible citizen of the College. As such, each student will display a positive work ethic, take pride in and assist in the maintenance and preservation of Institute property, and assume responsibility for his/her education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting instructor expectations concerning attendance, assignments, deadlines, and appointments.

Additional Information

Any material handed in to an instructor must be in blue or black pen, no white out, medical corrections only. Disruptive behavior in the class will result in the student being excused from the class – this includes use of cell phones or any hand held equipment that has not been approved by the instructor.

Any student wishing to see a marked quiz or midterm must make an appointment with the instructor to view or go over. Final exams are not available to be viewed by a student.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Created by: Trisha Holubowich, RAHT

Date: _____

Signature: _____

Approved by: Susan Klassen, DVM

Date: _____

Signature: _____

Reviewed By: _____

Date: _____

Signature: _____