ROCHESTER COMMUNITY AND TECHNICAL COLLEGE COMMON COURSE OUTLINE

Course discipline/number/title: VT 1010: Veterinary Medical Terminology and Anatomy

A. CATALOG DESCRIPTION
1. Credits: 3
2. Hours/Week: 2 lecture, 1 lab
3. Prerequisites (Course discipline/number): None
4. Other requirements: College level reading and math skills are required in this course
5. MnTC Goals (if any): NA

B. COURSE DESCRIPTION: This course will introduce the building of medical words including prefixes, suffixes, and combining forms of commonly used terminology in the veterinary medical field. Word part definitions, abbreviations, spelling, and pronunciation, along with a basic knowledge of word construction are taught. Emphasis is on the structure and function of the anatomical systems of common domestic animals. The anatomy of the digestive, skeletal, dermal, cardiovascular and neurologic systems will be emphasized. College level reading, writing and math skills are required in this course.

C. DATE LAST REVISED (Month, year): November, 2022

D. OUTLINE OF MAJOR CONTENT AREAS:
1. Introduction to word structure
2. Introduction to veterinary terminology
3. Building a veterinary vocabulary
4. Adding to the foundation
5. Completing the foundation
6. Cellular anatomy and physiology
7. Body structure and organization
8. Lymphatic system
9. Hematopoietic system
10. Musculoskeletal system
11. Cardiovascular system
12. Respiratory system
13. Neurological system
14. Alimentary system
15. Urinary system
16. The reproductive system
17. Endocrine system
18. The special senses
19. Integumentary system

E. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Recognize and understand function of combining words, prefixes, suffixes, and combining vowels.
2. Divide compound words into their respective parts.
3. Recognize the planes of the body.
4. Demonstrate a basic understanding of directional terminology as it relates to the body.
5. Recognize, correctly pronounce, and appropriately use common anatomical systems terminology.
6. Demonstrate a basic understanding of anatomical systems terminology as it relates to the body.
7. Identify skeletal, digestive, neurological and special senses structures.
8. List and explain classes of bones according to their gross appearance for domestic animals.

F. LEARNING OUTCOMES (MNTC): NA

G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include any of the following:
1. Laboratory reports and/or quizzes
2. Objective and/or subjective tests
3. Laboratory practical tests
4. Course assignments

F. METHODS FOR EVALUATION OF STUDENT LEARNING: Continued. . .
5. Group work/projects

H. RCTC CORE OUTCOME(S): This course contributes to meeting the following RCTC Core Outcome(s):
Critical Thinking. Students will think systematically and explore information thoroughly before accepting or formulating a position or conclusion.

I. SPECIAL INFORMATION (if any):
The initial lab session explains and familiarizes the student with general safety hazards and safety equipment to the lab. During the pre- lab discussion, the hazardous characteristics of any materials used during a lab are discussed. In addition, if the lab involves any potentially infectious or zoonotic material, the students will be instructed on the proper use and disposal. The instructor will direct all students to where necessary protective equipment while working with any hazardous chemicals. A copy of Material Safety Data Sheets for chemicals used is available in the lab.