Canine and Feline Clinical Management

Survey of feeding, common management practices, and care of canines and felines in a clinical setting. Review of common diseases of canines and felines encountered in the practice of veterinary medicine.

Honor Code

Students must abide by the Weatherford College Academic Honor Code (Honesty.) See college catalog.

Tasks

A. Properly use terminology appropriate to domestic canines and felines. (C11,C12,C13,F1,F2,F4,F10)
1. Demonstrate knowledge of proper terminology related to gender and age
2. Demonstrate knowledge of commonly used anatomic terms.
B. Demonstrate knowledge of physical examination parameters. (C11,C12,C13,C18,F1,F2,F4,F10)
1. Describe method of temperature determination.
2. Identify normal range of body temperature.
3. Describe method of determining respiratory rate.
4. Identify normal range of respirtatory rate at rest.
5. Describe methods of determining heart/pulse rate.
6. Identify normal range of resting heart rate.
C. Properly restrain dogs and cats. (C5,C10,C11,C12,C13,C18,F1,F2,F4,F10)
1. Demonstrate restraint techniques for physical examination.
2. Demonstrate restraint techniques for treatment
3. Demonstrate proper restraint for cephalic, jugular and saphenous venipuncture.
D. Demonstrate knowledge of gestation period and reproductive cycles. (C11,C12,C13,F1,F2,F4,F10)
1. Describe the reproductive cycles of the queen and bitch.
2. Identify the normal gestation period of the queen and bitch.
3. Identify common causes of dystocia in dogs and cats.
E. Demonstrate knowledge of basic nutritional requirements. (C11,C12,C13,F1,F2,F3,F4,F10)
1. Identify types of nutrients and their functions in the body.
2. Demonstrate knowledge of nutritional requirements of dogs and cats.
3. Compare nutritional requirements of different life stages.
4. Identify signs, causes and treatments of obesity.
F. Describe means of promoting optimum nutrition in the hospital setting. (C11,C12,C13,C18,C19,C20,F1,F2,F3,F4,F10)
1. Describe methods of increasing food palatability
2. Calculate caloric requirements of animals in varied disease states.
3. Describe methods of and reasons for force-feeding.
G. Describe means of sanitation and disinfection in the hospital setting. (C11,C12,C13,F1,F2,F4,F10)
1. Describe common means of sanitation used in veterinary hospitals.
2. Describe, compare, and contrast disinfection method used in veterinary practice.
H. Recognize and alleviate behavior problems in the clinical setting. (C11,C12,C13,F1,F2,F4,F10)
1. Describe common behavior problems of dogs and cats.
2. Describe methods of treatment of these behavior problems.
I. Demonstrate knowledge of common disease agents. (C11,C12,C13,F1,F2,F4,F10)
1. Compare and contrast viruses, bacteria, modified bacteria and prions.
2. Describe common diseases caused by each of these agents.
J. Describe basic components of disease resistance. (C11,C12,C13,F1,F2,F4,F10)
1. Demonstrate understanding of transmission of disease.
2. Describe factors which contribute to successful infection
3. Describe the basic inflammatory process.
4. Describe the white blood cell involved in disease resistance.
5. Describe anatomic components of disease resistance.

K. Describe the pathogenesis and clinical signs of common canine, feline and zoonotic diseases. (C11,C12,C13,F1,F2,F4,F10)
1. Describe how the disease is acquired.
2. Describe how the agent affects the animal body.
3. Describe disease progression.
4. Describe common clinical signs of various stages of the disease.\
5. Describe disease treatment and prevention

Competencies

A. Properly use terminology appropriate to domestic canines and felines.
B. Demonstrate knowledge of physical examination parameters.
C. Properly restrain dogs and cats.
D. Demonstrate knowledge of gestation period and reproductive cycles.
E. Demonstrate knowledge of basic nutritional requirements.
F. Describe means of promoting optimum nutrition in the hospital setting.
G. Describe means of sanitation and disinfection in the hospital setting.
H. Recognize and alleviate behavior problems in the clinical setting.
I. Demonstrate knowledge of common disease agents.
J. Describe basic components of disease resistance.
K. Describe the pathogenesis and clinical signs of common canine and feline diseases.

Required Textbooks
McCurnin, Dennis M., Clinical Textboook for Veterinary Technicians, W. B. Saunders Co.
Instructional Methods

This course will consist of 2 hours lecture and 3 hours lab per week.

Grades will be based on the following

6 quizzes at 25 points each 150 pts.
Lab Participation/Attendance 50 pts
Final exam 100 pts

Exams and quizzes will include multiple choice, True/False, short answer and short essay questions.

The grading scale is as follows

90-100 % A
80- 90 % B
70-80 % C
60-70 % D
below 60% F

Disabilities

ADA Statement:

Any student with a documented disability (e.g. learning, psychiatric, vision, hearing, etc.) may contact the Office on the Weatherford College Weatherford Campus to request reasonable accommodations. *Phone:* 817-598-6350 *Office Location:* Office Number 118 in the Student Services Building, upper floor. *Physical Address:* Weatherford College 225 College Park Drive Weatherford, TX.

Academic Integrity
Academic Integrity is fundamental to the educational mission of Weatherford College, and the College expects its students to maintain high standards of personal and scholarly conduct. Academic dishonesty of any kind will not be tolerated. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work,

plagiarism, collusion, and the abuse of resource materials including unauthorized use of Generative AI. Departments may adopt discipline specific guidelines on Generative AI usage approved by the instructional dean. Any student who is demonstrated to have engaged in any of these activities will be subject to immediate disciplinary action in accordance with institutional procedures.

SCANS

The Secretary's Commission on Achieving Necessary Skills (SCANS} identified competencies in the areas of Resources, Interpersonal, Information, Systems and Technology, and foundation skills in the areas of Basic Skills, Thinking Skills, and Personal Qualities. This Course is part of a program in which each of these compentencies and skills are integrated. The specific SCANS competencies that are recognized throughout this course are noted at the end of the appropriate competencies or task listed.