

Course discipline/number/title: VT 2230: Small Animal Nursing Techniques II

A. CATALOG DESCRIPTION

1. Credits: 3
2. Hours/Week: 1 lecture, 4 lab
3. Prerequisites (Course discipline/number): VT 1410, VT 1710, VT 1810, VT 2900
4. Other requirements: Attendance is required for successful completion of the course. To enroll in the course, all previous required courses must have been completed with a C or better.
5. MnTC Goals (if any): NA

B. COURSE DESCRIPTION: This course is a continuation of the nursing skills and techniques begun in Small Animal Nursing Techniques I. This course will introduce concepts of a specialized physical examination, intravenous injection techniques, and preventive medicine. This course provides for practical experience in performing specific skills involved with animal nursing.

C. DATE LAST REVISED (Month, year): November, 2023

D. OUTLINE OF MAJOR CONTENT AREAS:

1. Specialized physical examination
2. Intravenous injection techniques
3. Advanced application of medication
4. Venipuncture
5. Diagnostic sampling and treatment techniques
6. Urinary collection techniques
7. Fluid Therapy

E. LEARNING OUTCOMES (GENERAL): The student will be able to:

1. Perform skin scrapings.
2. Describe advanced parenteral injections – intraperitoneal and intravenous.
3. Perform advanced ocular examination and testing.
4. Perform dermatological examination and collection techniques.
5. Auscultate heart and lungs.
6. Perform venopuncture for treatment or blood sampling.
7. Complete comprehensive physical examinations.
8. Administer subcutaneous fluids.
9. Place intravenous catheters (cephalic, saphenous, and jugular).
10. Understand breeding techniques.
11. Collect urine samples through catheters and cystocentesis.
12. Develop an understanding of wound care and management.
13. Administer intramuscular injections to dogs and cats.

F. LEARNING OUTCOMES (MNTC): NA

G. METHODS FOR EVALUATION OF STUDENT LEARNING: Methods may include but are not limited to:

1. Written examinations and/or quizzes
2. Laboratory practical tests
3. Work related experience with skill competency record
4. Course assignments
5. Essays
6. 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.