COMMON COURSE OUTLINE: Course discipline/number/title: VT 2240: Small Animal Techniques III

A. CATALOG DESCRIPTION
1. Credits: 2
2. Hours/Week: 3
3. Prerequisites (Course discipline/number): Grade of C or better in all required previous VT courses and general education courses.
4. Co-requisites (Course discipline/number): None
5. MnTC Goals (if any): NA

This course will introduce concepts of first aid, care for critically ill patients, emergency nursing, oncology, cardiology, neurology, and collection of bone marrow aspirates. This course provides for practical experience in performing specific skills involved with animal nursing and builds on knowledge gained in previous courses. RECOMMENDED ENTRY SKILLS/KNOWLEDGE: High School diploma or GED Grade of C or better (high school or college level within the last five years) in the following courses: Biology with a lab, Chemistry with a lab, Elementary Algebra of equivalent Minimum one-year high school typing/keyboarding skills Completed VT courses with an overall GPA of 2.0

B. DATE LAST REVISED (Month, year): November, 2006

C. OUTLINE OF MAJOR CONTENT AREAS:
1. Blood collection in transfusions
2. First aid
3. Emergency procedures
4. Physical therapy
5. Newborn and orphan animal nursing

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
1. Maintain chest, tracheostomy and pharyngostomy tubes.
2. Understand physical therapy.
3. Perform first aid and CPR.
4. Apply emergency splints and bandages. - casting and bandaging.
5. Perform veinapuncture for treatment or blood sampling.
6. Understanding of how to collect, crossmatch, and give blood transfusions.
7. Apply established emergency protocol.
8. Identify emergency situations.
10. Identify toxicities.
11. Perform nasogastric intubation.
12. Maintain medical emergency supplies.
13. Demonstrate emergency care of orphaned or newborn animals.

E. LEARNING OUTCOMES (MNTC): NA

F. 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. Work related experience with skill competency record
5. Course assignments
6. Essay tasks
7. Group work or projects
8. Attendance (especially laboratory attendance)
G. 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.