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

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

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. 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 VA courses with an overall GPA of 2.0.

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

C.  OUTLINE OF MAJOR CONTENT AREAS:
1. Specialized physical examination
2. Intravenous injection techniques
3. Advanced application of medication
4. Venupuncture
5. Diagnostic sampling and treatment techniques
6. Fluid Therapy

D.  LEARNING OUTCOMES (GENERAL): The student will be able to demonstrate proficiency in the following skills
1. Skin scrapings
2. Advanced parenteral injections – intraperitoneal and intravenous
3. Ocular examination and testing
4. Otologic examination
5. Dermatological examination and collection techniques
6. Auscultation of heart and lungs
7. Electrocardiography
8. Venous puncture for treatment or blood sampling.
9. Comprehensive physical examinations
10. Subcutaneous fluids
11. Intravenous catheters (cephalic, saphenous, and jugular)
12. Understanding of breeding techniques

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/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.