COMMON COURSE OUTLINE: Course discipline/number/title: VT 2920: Small Animal Disease and Diagnostics

A. CATALOG DESCRIPTION
   1. Credits: 2
   2. Hours/Week: 3
   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 surveys infectious and noninfectious diseases of domestic animals. The content includes aspects of disease such as etiology, clinical signs, treatment, prevention, and pathology. Animal health care and preventative disease procedures will be implemented. Principles of the disease process, epidemiology, zoonoses, public health significance as well as behavior management will be emphasized. 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 or 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): August, 2006

C. OUTLINE OF MAJOR CONTENT AREAS:
   1. Perform necropsy procedures
   2. Perform health assessments
   3. Recognize Disease classifications
   4. Etiology
   5. Prevention and treatment
   6. Public health
   7. Kennel duties
   8. Behavior modification tools and techniques
   9. Introduction to behavioral therapy
   10. Medical interview in case history assessment in behavioral therapy
   11. Therapeutic approaches for common behavioral problems of dogs
   12. Therapeutic approaches for common behavioral problems of cats

D. LEARNING OUTCOMES (GENERAL): The student will be able to:
   1. Identify bacterial, viral, parasitic, mycotic and other miscellaneous diseases of domestic animals.
   2. Identify etiology, clinical signs and of common diseases of domestic animals.
   3. Perform prevention and treatment protocols of common diseases of domestic animals.
   4. Identify zoonotic diseases and public health concerns related to diseases of domestic animals.
   5. Perform kennel maintenance procedures.
   6. Describe chronological order to behavioral development of the canine.
   7. Describe the chronological order the behavioral development of the feline.
   8. Describe the social behavior of the canine.
   9. Describe the social behavior of the feline.
   10. Describe various methods of preventing behavioral problems.
   11. Identify intervention techniques that may be used to eliminate or modify abnormal behavior.
   12. Describe common behavioral problems in the canine.
   13. Describe common behavioral problems of the feline.
   15. Identify appropriate drug therapy for behavioral disorders.
   16. Identify behavioral aspects of selecting and raising dogs and cats.

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.