ANIMAL DISEASES AND NUTRITION — VTEC 2100

A. Course Description
   ◦ Credits: 3.00
   ◦ Lecture Hours/Week: 3.00
   ◦ Lab Hours/Week: 0.00
   ◦ OJT Hours/Week: 0
   ◦ Prerequisites: None
   ◦ Corequisites: None
   ◦ MnTC Goals: None

This course introduces students to the signs, diagnostic methods, and treatments of diseases in domestic animals. Prevention, zoonosis, and client education regarding common diseases will be covered. Animal nutrition, and the use of therapeutic nutrition and dietary management of disease will also be discussed. Diseases of each body system, as well as systemic and oncology cases will be presented. An understanding of animal behavior will be introduced. Prerequisites: VTEC 1210

B. Course Effective Dates: 8/20/17 – Present

C. Outline of Major Content Areas
   As noted on course syllabus

D. Learning Outcomes
   1. Compare key nutritional factors involved with various disease conditions.
   2. Describe common behavioral problems in the canine and feline.
   3. Develop and communicate hospital nutrition protocols.
   4. Develop and provide client education regarding prescription diets in a clear and accurate manner at a level the client understands.
   5. Discuss current developments in nutritional supplements and additives including benefits and potential toxicities.
   6. Explain the nutrient requirements of healthy dogs and cats for various life stages.
   7. Identify body systems affected by disease processes in animals.
   8. Identify intervention techniques that may be used to eliminate or modify abnormal behavior.
   9. Identify the diagnostic process of identifying animal diseases.
   10. Identify zoonotic potential of diseases and provide education and information about public health concerns.
   12. Provide client education regarding signs, diagnostic methods, and treatments of common domestic animal
diseases, both infectious and non-infectious.
13. Understand and identify normal vs. abnormal animal behavior as a result of disease.
15. Understand the etiology of domestic animal disease

E. **Minnesota Transfer Curriculum Goal Area(s) and Competencies**

F. **Learner Outcomes Assessment**

   As noted on course syllabus

G. **Special Information**

   None noted