VETERINARY NURSING TECHNIQUES — VTEC 1250

A. Course Description
   - Credits: 3.00
   - Lecture Hours/Week: 2.00
   - Lab Hours/Week: 1.00
   - OJT Hours/Week: 0
   - Prerequisites: None
   - Corequisites: None
   - MnTC Goals: None

   In this course students learn and practice various aspects of small animal husbandry including kennel management and sanitation, reproductive cycles and management, recognition of and response to emergency situations, preventative medicine, and nursing care. Discussion and practice of specialty physical exams will take place. This course will introduce concepts of first aid, care for critically ill patients, emergency nursing, oncology, cardiology, and neurology. There will be opportunities to perform specific nursing skills on small animals. Prerequisites: VTEC 1100

B. Course Effective Dates: 8/21/17 – Present

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

D. Learning Outcomes
   1. Administer parenteral medications
   2. Assess information provided and ask questions to obtain additional information in order to receive and record an accurate, concise and complete patient history.
   3. Assist with performing a complete physical exam and record findings in a systematic format using accepted terminology.
   4. Collect, prepare, and evaluate canine vaginal cytology.
   5. Compare fluid delivery systems and determine, calculate, and maintain fluid rates.
   6. Compare key nutritional factors involved with various disease conditions.
   7. Demonstrate the ability to perform first aid and CPR on dogs and cats.
   8. Demonstrate the use of specialized bandaging, splinting and casting techniques.
   10. Determine the correct dosages of drugs and fluids
11. Develop and communicate hospital nutrition protocols.
12. Develop and provide client education regarding prescription diets in a clear and accurate manner at a level the client understands.
13. Discuss current developments in nutritional supplements and additives including benefits and potential toxicities.
14. Discuss ophthalmic exams and abnormalities.
15. Discuss small animal reproductive physiology and reproduction techniques.
16. Explain how to perform urethral catheterization, gastric intubation and enemas
17. Explain the nutrient requirements of healthy dogs and cats for various life stages.
18. Explain the special care needs of recumbent patients.
19. Identify and maintain appropriate sanitation and nosocomial/quarantine protocols for a veterinary facility, including patient areas.
20. Perform Schirmer tear test, tonometry, and fluorescein staining on a patient and relate each of these tests to the condition(s) potentially revealed.
21. Perform common medication/care techniques: administer topical medication, oral medications, ophthalmic medication, and otic medication after cleaning ears. Demonstrate the ability to administer drugs safely and effectively by common parenteral and enteral routes.
22. Produce an ECG reading with leads properly attached and recognize abnormal rhythms.

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

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted