LARGE ANIMAL — VTEC 2110

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

This course introduces the livestock and equine industry and the various species of large animal livestock. This includes livestock terminology, breeds, production systems, basic management practices, preventive medicine, lameness examinations and conditions, necropsy procedures and animal products and by-products. Techniques covered will include restraint, behavior, and medical and surgical nursing procedures of large animals and equine. This course includes field trips. Prerequisites: VTEC 1200

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

C. Outline of Major Content Areas

As noted on course syllabus

D. Learning Outcomes

1. Apply large animal restraint devices including a twitch and tail restraint.
2. Complete hands-on essential skills required by the AVMA related to large animals
3. Define the technician’s role in large animal nursing.
4. Demonstrate techniques for administering medications and collection of samples.
5. Halter, tie and lead horses and cattle.
6. Identify common surgical procedures of food animals and equine including dehorning, prolepses and cesarian sections.
7. Identify disease prevention protocols for food animal and equine.
8. Identify normal food animal and equine physical parameter values.
9. Identify the breeds of food animals and equine.
10. Identify various methods of anesthesia in large animals.
11. Perform venipuncture on horses and cattle.
12. Recognize the preventable disease of food animals and equine.
E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

F. Learner Outcomes Assessment
   As noted on course syllabus

G. Special Information
   None noted