COURSE INFORMATION FORM

DISCIPLINE  Veterinary Technology
COURSE TITLE  Large Animal Technology
CR.HR  4  LECT HR.  2  LAB HR.  4  CLIN/INTERN HR.  CLOCK HR.  

CATALOG DESCRIPTION
Techniques necessary to assist the veterinarian in a large animal or mixed practice and in research facilities. Bovine, porcine, ovine, and caprine medicine and management including restraint, blood collection, medicating and nursing techniques.

PREREQUISITES
VETT 101 and 110

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:
1. State the general principles of food animal medicine and management.
2. Demonstrate the ability to identify common bovine, ovine, porcine, and caprine breeds.
3. Perform numerous nursing, clinical and husbandry techniques on different species.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Communication:  Reading Skills  (ESO)
3. Make accurate inferences and predictions based on evidence  (1-3)
6. Make valid generalizations and apply information  (1-3)

Critical Thinking:  Sort and classify information  (2)
4. Distinguish the relevant from irrelevant and integrate key relationships

Critical Thinking:  Define, analyze, and evaluate information, materials and data
2. Construct valid inferences from facts, credible sources, experiences, anecdotes, and values and belief systems  (1-3)

Life-Long Learning:  Attributes of an Awareness of the Convergence of Knowledge
2. Apply learned skills to real world interactions  (1-3)
3. Synthesize information to facilitate application  (1-3)
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

The student will demonstrate:
1. the ability to communicate effectively and clearly with instructors regarding the treatment and care of animals
2. knowledge of the history of Veterinary Technology and the Code of Ethics and Standards of Practice for the Veterinary Technician
3. the ability to carry out the role and function of a Veterinary Technician
4. an understanding of the business role that technicians play in a veterinary hospital

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Lecture test (1,2)
2. Laboratory (written & practical) examinations (2,3)
3. Final examination (1,2)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Bovine management
   A. Cow/calf
   B. Feed lot
   C. Dairy

II. Swine management
   A. Farrow
   B. Feeder
   C. Finish

III. Goat and sheep management
   A. Wool
   B. Meat
   C. Dairy

IV. Laboratory:
   Hands-on experience with all species

For each species group, additional topic headings include:

   Breed identification, parasites, nutrition, reproduction, restraint, medicating, anesthesia, diseases, vaccination programs, sanitation, shipping requirements, public health concerns, instrumentation and routine surgical procedures.