Course Change Form

Current Title: Principles of Animal Science II

College of Origin: BR ____ BTC ____ LV ____ MW X PV ____

Prepared by: Chris Morrow DVM

Discipline: Veterinary Technology

Date: 11/8/10

Rationale for Course Change:

1) Increase the lecture and laboratory time to cover required material prior to the student preceptorship

2) Update course outline

3) Reduce general education outcomes

COMPLETE THE APPLICABLE CHANGE

Current Catalog No. & Title of Course: ____________________________

Proposed Catalog No. & Title Change: ____________________________

Current Credit Hr. 3 Lecture Hr. 2 Laboratory Hr. 2 Clinical/Intern. Hr. ______ Clock Hr. ______

Proposed Credit Hr. 4 Lecture Hr. 2.5 Laboratory Hr. 3 Clinical/Intern. Hr. ______ Clock Hr. ______

Current Prerequisites:

Proposed Prerequisites:

Current Catalog Description:

Proposed Catalog Description:

Attach Course Information Form, Course Outline Form
COURSE INFORMATION FORM

DISCIPLINE
Veterinary Technology

COURSE TITLE
Principles of Animal Science II

CR.HR  4  LECT HR.  2.5  LAB HR.  3  CLIN/INTERN HR.  _______  CLOCK HR.  _______

CATALOG DESCRIPTION
Anesthesia and the physiology of the digestive, urinary, endocrine, and reproductive systems. Blood and specimen collection, basic bandaging, and introduction to surgical preparation and radiographic processing.

PREREQUISITES
VETT 101  Principles of Animal Science I

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:
1. Describe basic components of animal physiology.
2. Describe and apply principles of anesthesia
3. Demonstrate ability to handle patients and perform clinical techniques.

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.

Critical Thinking: Define, analyze, and evaluate information, materials and data
4. Integrate information and see relevant relationships that broaden and deepen understanding  (2)

Life-Long Learning: Attributes of an Awareness of the Convergence of Knowledge
2. Apply learned skills to real world interactions  (3)
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 tests (1,2)
2. Laboratory (written & practical) examinations (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. Basic physiology of body systems
   A. Renal system
   B. Neurologic system
   C. Endocrine system
   D. Male Reproductive system
   E. Female Reproductive system
   F. Digestive system

II. Principles of anesthesia
    A. Anesthetic agents
    B. Tranquilizers
    C. Injectable anesthetics
    D. Inhalation anesthesia

III. Radiology techniques
     A. Safety
     B. Positioning
     C. Film processing

IV. Surgery Preparation
    A. Instrument identification and preparation
    B. Aseptic procedures
    C. Patient preparation