MURRAY STATE UNIVERSITY
COURSE SYLLABUS

DEPT: HUTSON SCHOOL OF AGRICULTURE
COURSE PREFIX: AGR  COURSE NUMBER: 182  CREDIT HOURS: 3

I.  TITLE:
Introduction to Veterinary Science

II. COURSE DESCRIPTION AND PREREQUISITES:
This course examines basic principles of veterinary science, including breeds, biology, veterinary tools, parasitology, office management, animal control, and basic clinical exam techniques for large and small animals. The purpose of this course is to provide upper classmen agricultural education students, at the high school level, with an introduction to the basic principles of veterinary science. This requires students to understand the biology of both large and small breeds of animals, as well as specifics related to the area of veterinary medicine. This class will build a foundation for those high school students interested in the area of veterinary science while serving as a dual credit course to gain elective credit through Murray State University.
Prerequisite(s): None

III. COURSE OBJECTIVES:
This course is designed to approach veterinary science from a broad perspective as a means to assist students in applying animal science principles to their interest in animal management and care.

More specifically, upon completion of this course, the students will be able to
A. identify breeds of large and small animals,
B. demonstrate a basic understanding of veterinary science as applied to the student’s area of interest within agriculture,
C. exhibit understanding of the need for safety and sanitation in veterinary medicine,
D. apply problem solving techniques of veterinary science to common issues in the industry, and
E. illustrate sensitivity and awareness to consumer needs and contemporary issues.

IV. CONTENT OUTLINE:
A. Breeds of large and small animals
B. Animal anatomy and physiology
C. Animal nutrition
D. Veterinary tools
E. Parasitology
F. Veterinary terminology
G. Safety and sanitation
H. Animal management
I. Animal health, wellness, and disease
J. Basic clinical exams and procedures
K. Principles of surgery
L. Posology
M. Office management
N. Contemporary animal issues

V. INSTRUCTIONAL ACTIVITIES:
A. Classroom Activity – lecture, discussion, participatory projects
B. Assignments
C. Quizzes
D. Exams

VI. FIELD, CLINICAL, AND/OR LABORATORY EXPERIENCES:
None

VII. TEXT(S) AND RESOURCES:
A. Access to and working knowledge of the Blackboard online instructional system
B. Calculator
C. Access to computer with Internet capabilities
D. Required texts can include items such as the following:

VIII. EVALUATION AND GRADING PROCEDURES:
This course will use criterion-referenced assessment procedures (students are measured against pre-determined objective criteria) rather than norm-referenced procedures (students are compared to each other, where the numbers of letter grades are predetermined based on the statistical normal curve).

The students’ grades will be calculated based on the points they earn from the following assignments and activities:

A. Two exams are scheduled with each given equal credit
B. Writing assignments
C. Engaging activities
D. Quizzes

Assignment sheets and rubrics for each assignment will be provided to students.

The grading scale used for this course will be:

- 90% – 100% = A
- 80% – 89% = B
- 70% – 79% = C
- 60% – 69% = D
- Below 60% = E

IX. ATTENDANCE POLICY:
Students are expected to adhere to the MSU Attendance Policy outlined in the current MSU Bulletin.

X. ACADEMIC HONESTY POLICY:
(Adopted by the MSU Board of Regents)
Murray State University takes seriously its moral and educational obligation to maintain high standards of academic honesty and ethical behavior. Instructors are expected to evaluate students’ academic achievements accurately, as well as ascertain that work submitted by students is authentic and the result of their own efforts, and consistent with established academic standards. Students are obligated to respect and abide by the basic standards of personal and professional integrity.

Violations of Academic Honesty include:

Cheating - Intentionally using or attempting to use unauthorized information such as books, notes, study aids, or other electronic, online, or digital devices in any academic exercise; as well as unauthorized communication of information by any means to or from others during any academic exercise.

Fabrication and Falsification - Intentional alteration or invention of any information or citation in an academic exercise. Falsification involves changing information whereas fabrication involves inventing or counterfeiting information.

Multiple Submission - The submission of substantial portions of the same academic work, including oral reports, for credit more than once without authorization from the instructor.
**Plagiarism** - Intentionally or knowingly representing the words, ideas, creative work, or data of someone else as one’s own in any academic exercise, without due and proper acknowledgement.

Instructors should outline their expectations that may go beyond the scope of this policy at the beginning of each course and identify such expectations and restrictions in the course syllabus. When an instructor receives evidence, either directly or indirectly, of academic dishonesty, he or she should investigate the instance. The faculty member should then take appropriate disciplinary action.

Disciplinary action may include, but is not limited to the following:
1) Requiring the student(s) to repeat the exercise or do additional related exercise(s).
2) Lowering the grade or failing the student(s) on the particular exercise(s) involved.
3) Lowering the grade or failing the student(s) in the course.

**If the disciplinary action results in the awarding of a grade of E in the course, the student(s) may not drop the course.**

Faculty reserve the right to invalidate any exercise or other evaluative measures if substantial evidence exists that the integrity of the exercise has been compromised. Faculty also reserve the right to document in the course syllabi further academic honesty policy elements related to the individual disciplines.

A student may appeal the decision of the faculty member with the department chair in writing within five working days. Note: If, at any point in this process, the student alleges that actions have taken place that may be in violation of the Murray State University Non-Discrimination Statement, this process must be suspended and the matter be directed to the Office of Equal Opportunity. Any appeal will be forwarded to the appropriate university committee as determined by the Provost.

NOTE: The Hutson School of Agriculture Faculty have adopted and implemented an Academic Honesty Policy in addition to the University Honesty Policy, which can be found in the current Undergraduate Bulletin and Graduate Bulletin. The policy sets guidelines regarding acts of dishonesty and the procedure to follow should an event occur. It is each Agriculture student’s responsibility to obtain and read a copy of this document. The School’s Academic Honesty Policy can be obtained by asking for a copy from any Agriculture Faculty member or the Secretary.

**XI. NON-DISCRIMINATION POLICY STATEMENT:**
Murray State University endorses the intent of all federal and state laws created to prohibit discrimination. Murray State University does not discriminate on the basis of race, color, national origin, gender, sexual orientation, religion, age, veteran status, or disability in employment, admissions, or other provision of services and provides, upon request, reasonable accommodation including auxiliary aids and services necessary to afford individuals with disabilities equal access to participate in all programs and activities. For more information, contact, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270-809-3155 (voice), 270-809-3361 (TDD).