I. **TITLE:**

Advanced Horse Production

II. **CATALOG DESCRIPTION:**

Deals with various topics of interest to the horseman including psychology, evaluation, anatomy, and health care. Prerequisites: AGR 302.

III. **PURPOSE:**

To enable students to fulfill a higher degree of managerial responsibility by understanding behavioral patterns, conformation, selection, and health requirements.

IV. **COURSE OBJECTIVES:**

After completion of this course, the student should be able to:

A. Explain horse behavior and training.
B. Name parts of horse and skeletal system using correct terminology.
C. Isolate and identify lameness symptoms, causes, and treatments.
D. Give injections intramuscularly or intravenously.
E. Describe techniques of trimming and shoeing.
F. Explain parasite control and herd health requirements and how to meet those needs.
G. Describe nutrient requirements and how to meet those needs.
H. Describe facility requirements for horse operation.

V. **CONTENT OUTLINE:**

A. Psychology of the Horse
   1. Methods of Testing
   2. Behavioral Patterns
   3. Urges and Instincts
   4. Sex and Reproduction
   5. Sight of the Horse
   6. Senses
   7. Extra-Sensory Perception
   8. Equine Emotions
B. Judging Stock Horses
   1. Anatomy
   2. Methods of Judging
C. Skeleton Systems
   1. Relation to Appearance
   2. Usefulness and Comparisons
D. Muscular Systems
   1. Function
   2. Anatomy
E. Determining Age of Horse
F. Care of the Foot and Shoeing
   1. Physiology of feet and legs
   2. Lameness and Lameness indicators
   3. Conformation defects
   4. Basic principles of horse shoeing
   5. How often to Re-shoe
G. Diseases, Injuries, and other Ailments
   1. Etiology
   2. Lesions
   3. Symptoms and Diagnosis
   4. Treatment
H. Parasites
   1. Internal
   2. External
I. Nutrition

VI. INSTRUCTIONAL ACTIVITIES:

A. Outside reading Assignments
B. Handouts of various materials
C. Laboratory at Farm (conformation, checking vital signs, injections, wrapping legs).

VII. FIELD AND CLINICAL EXPERIENCES:

None

VIII. RESOURCES:

A. Horses and Horsemanship
B. Handouts
C. Reading Assignments
D. Written Assignments
IX. **GRADING PROCEDURES:**

Grading Scale:

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

Class notes, reading assignments, and written assignments will be material tested over.

All exams will be taken at scheduled time only exception will be with approval of instructor. Exceptions will require students to take exam early or make-up during finals exam week.

Absences is excess of (4) class meetings may affect your grade.

X. **ATTENDANCE POLICY:**

Please refer to the most current copy of the *Murray State University's Undergraduate Bulletin and Graduate Bulletin.*

XI. **ACADEMIC HONESTY POLICY:**

(Adopted by the MSU Board of Regents)

Cheating, plagiarism (submitting another person’s material as one’s own), or doing work for another person which will receive academic credit are all impermissible. This includes the use of unauthorized books, notebooks, or other sources in order to secure or give help during an examination, the unauthorized copying of examinations, assignments, reports, term papers, or the presentation on unacknowledged material as if it were the student’s own work. Disciplinary action may be taken beyond the academic discipline administered by the faculty member who teaches the course in which the cheating took place.

NOTE: The 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.
XII. TEXT AND REFERENCES:


XIII. PREREQUISITES:

AGR 302

XIV. STATEMENT OF AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY:

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 the 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 Sabrina Y. Dial, Director of Equal Opportunity, Murray State University, 103 Wells Hall, Murray, KY 42071-3318. Telephone: 270-809-3155 (voice), 270-809-3361 (TDD).

XV. MSU SCHOOL OF AGRICULTURE CELL PHONE POLICY

The School of Agriculture recognizes that in today’s world cell phones are a familiar and often necessary form of communication for students.

It shall be the policy of the School that no cell phone usage shall be allowed in class and/or labs without the prior consent of the course instructor. This shall include verbal calling, incoming calls, email, text messaging, and use of cell phone calculators on tests and quizzes.

Cell phones must be kept off and out of sight (i.e. secured to a person’s belt or kept in a bag or purse away from desks and lab counters).

Should a student’s cell phone be visible, ring, or other form of unauthorized usage that is interruptive to the class or lab, the student may be asked to leave class and not return for that class/lab period.

Upon prior consent of the instructor, a student may obtain permission to have their phone on in case of an emergency or in critical family situations.
This policy also includes pagers and other electronic equipment such as blackberries and/or computers/laptops.