SCHOOL OF AGRICULTURE

COURSE NUMBER: AGR 326  CREDIT HOURS: 3

I. **TITLE:**

Swine Science

II. **CATALOG DESCRIPTION:**

Basic principles and their application in pork production – breeding, selection, nutrition, housing, equipment, and economic management.

Prerequisite: AGR 100 – Animal Science

III. **PURPOSE:**

To provide the students an opportunity to learn the basics about swine production.

IV. **COURSE OBJECTIVES:**

To teach a basic understanding of swine production and its relation to business, agriculture, and animal health.

V. **CONTENT OUTLINE:**

A. Developmental History of Swine
B. Swine Breeds
C. Swine Anatomy
D. Swine Reproduction and Physiology
E. Diseases of Swine
F. General Overview of Swine Production
G. Establishment and Maintenance of a Swine Herd
H. Management of the Swine Herd
I. Nutrition of the Various Levels in the Swine Herd

VI. **INSTRUCTIONAL ACTIVITIES:**

A. Lecture
B. 3-5 Page Research Paper
C. 5+ Minute Student Presentations on their Research Paper
D. Guest speakers
E. Field Trips as permitted
F. Hands-on experience as permitted
G. Demonstrations as permitted

VII. **FIELD AND CLINICAL EXPERIENCES:**

Farm laboratory and areas involved in swine production.

VIII. **RESOURCES:**

Area people involved in swine production, as well as, current swine publications.

IX. **GRADING PROCEDURES:**

Grades will be based upon the cumulative scores of the major exams, final, quizzes, and attendance. Periodic examinations will be administered depending upon the discretion of the instructor. The major examinations will be announced at least one week in advance. Quizzes will be announced and unannounced. Absences from exams must be approved by the instructor. Nonapproved absences will be recorded as a zero. Make-up examination format will be at the discretion of the instructor.

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

The final grade is determined by taking the total number of points possible divided into the number earned. Students are encouraged to see instructor immediately with any concerns or problems.

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:**

None

XIII. **PREREQUISITES:**

AGR 100 – Animal Science

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.