

Clarendon College
Division of Agriculture
AGRI 1319 Animal Science
Spring 2026
3 Semester Credit Hours
Courson RFO building/ OFFICE 115 – Stocking/McConnell Room
Lecture: MW 9:00- 9:50
Lab: Tuesday 3:00 – 4:50

Instructor: Johnny Treichel
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Office Hours: By appointment

Course Description: Scientific animal agriculture. Importance of livestock and meat industries. Selection, reproduction, nutrition, management, and marketing of beef cattle, swine, sheep, goats, and horses.

Statement of Purpose: To familiarize students with current trends in animal agriculture.

Required Textbook: Taylor, R.E., Field, and T.G. 2001. Scientific Farm Animal Production. Seventh Edition.

Course Objectives:

- Critical thinking skills – to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information
- Communication skills – to include effective written, oral, and visual communication

Learning Outcomes:

Upon successful completion of this course, a student should be able to:

1. Describe animal selection of beef cattle, swine, sheep, goats, and horses. (Assessed with embedded questions on test.)
2. Explain principles and practices of reproduction in beef cattle, swine, sheep, goats, and horses. (Assesses CT and COM with research paper.)
3. Describe the uses and methods of livestock transporting, handling, identification, immunization, and restraining domestic animals. (Assessed with embedded question on test.)
4. Describe the relationship between nutrition, feeding principles, and parasites. (Assessed with embedded question on test.)
5. Describe the process of marketing animal enterprises. (Assessed with embedded question on test.)
6. List the roles of management in relation to profit in animal industries. (Assessed with embedded question on test.)
7. Identify animal welfare and animal rights. (Assessed with embedded question on test.)
8. Analyze and synthesize agricultural data. (Assesses with embedded questions on tests.)
9. Discuss modern issues based on current research. (Assesses CT and COM with written research papers.)

Student Rights and Responsibilities:

A copy of the Student Rights and Responsibilities is available on the College website at: <http://www.clarendoncollege.edu/Resources/Student%20Services/StudentRightsResponsibilities.pdf>.

Course Schedule and Lecture Topics:

Overview of the current livestock and poultry industry

Red Meat Products

Breeds of livestock (Cattle, Sheep, Hogs)

Feeder Cattle Grades

Quality Grades (Cattle)

Yield Grades (Cattle)

Pricing cattle based on a grid based system

Test 1

Reproduction (Male & Female)

Genetics

Growth and Development

Test 2**Research Paper 1**

Nutrition

Animal Health

Test 3**Research Paper 2**

Beef Cattle Management

Swine Management

Dairy Management

Sheep and Goat Management

Horse Management

Test 4**Possible Lab Topics:**

Market Lamb & Ewe Evaluation

Breeds of Livestock

Feedyard Tour (Feeder & Slaughter Cattle Grading)

Expected Progeny Difference (EPD's) How to use and understand

Tour of Swine Farm

Evaluation of Halter Horses

Horse Shoeing

Guest Presentation from an Animal Pharmaceutical Professional

Grading Policy:

The final grade in this course will be determined by the following weighted categories:

Test 1 = 25% of grade.

Test 2 and Research Paper 1 = 20% of grade. Test is worth 10.0%/ Paper 10.0%

Test 3 and Research Paper 2 = 20% of grade. Test is worth 10.0% Paper 10.0 %

Attendance = 10%

Final Exam = 25% of grade

Your final course grade will be figured as set in the current catalog:

90 to 100.....	A
80 to 89.....	B
70 to 79.....	C
60 to 69.....	D
59 and below.....	F

Class Policies

- Unexcused and/or unauthorized absences will be reflected in the student's final grade. Students will be dropped from the course after six unexcused absences.
- Excused absences (school activities, illnesses, and emergencies) **do not** excuse the student from any missed work. Students must make arrangements with the instructor to complete all assigned work.
- Permission for making up any missed work will be granted only for absences arranged for in advance of the absence. In case of an emergency, illness, or death in the family, it is the student's responsibility to notify the instructor as soon as possible.
- **Attendance = Each student will be granted 5 unexcused absences without penalty. Each additional unexcused absence will result in 2-point deduction. For example, a student with seven absences would be docked 4 points off of the attendance grade.**

College Policies

Academic Integrity and Dishonest Behavior

Clarendon College is committed to a philosophy of honesty and academic integrity. It is the responsibility of all members of the Clarendon College community to maintain academic integrity at Clarendon College by refusing to participate in or tolerate academic dishonesty. Any act of academic dishonesty will be regarded by the faculty and administration as a serious offense.

Academic dishonesty violations include, but are not limited to: (1) obtaining an examination, classroom activity, or laboratory exercise by stealing or collusion; (2) discovering the content of an examination, classroom activity, laboratory exercise, or homework assignment before it is given; (3) observing the work of another during an examination or providing answers to another during the course of an examination; (4) using an unauthorized source of information during an examination, classroom activity, laboratory exercise, or homework assignment ; (5) entering an office, classroom, laboratory, or building to obtain unfair advantage; (6) taking an examination for another person; (7) completing a classroom activity, laboratory exercise, homework assignment, or research paper for another person; (8) altering grade records; (9) using any unauthorized form of an electronic communication device during an examination, classroom activity, or laboratory exercise; and/or, (10) plagiarism. (Plagiarism is defined as the using, stating, offering, or reporting as one's own, an idea, expression, or production of another person's work without proper credit. This includes, but is not limited to, turning in a paper purchased or acquired from any source, written by someone other than the student claiming credit, or stolen from another student.)

Students are responsible for reporting known acts of academic dishonesty to a faculty member, the program coordinator, the associate dean, and/or dean. Any student with knowledge of a violation who fails to report it shall him/herself be in violation and shall be considered to have

committed an act of academic dishonesty. Additionally, any student who reports him/herself in violation of this code before it is likely that another might consider this possibility will be understood as repentant and acting in good faith. Though the confession will not excuse the student for the violation, the confession will be considered and the violation should not result in suspension from school except in the most extreme cases.

While academic integrity and honesty are the responsibility of the individual student, each individual faculty member, teaching assistant, and/or laboratory instructor is responsible for classroom management and for maintaining ethical behavior within the classroom and/or laboratory. Faculty who discover or suspect a violation should discuss the matter with the suspected violator(s) and attempt to resolve the case at that point. In cases of convincing evidence, the faculty member should take appropriate action. The faculty member and student should complete a Counseling Sheet regarding the violation. (The Counseling Sheet should contain at a minimum the date and time of the violation, the course, the instructor's name, the student's name, an explanation of the infraction or facts of the case, and the resolution to the incident.) This form should be signed by the student, faculty member, program coordinator, and the Dean of Students. The Dean of Students will maintain a file on all violations. If a faculty member prefers to report the case directly to the Dean of Students, it remains his/her prerogative to do so. Additionally, if the faculty member and the accused student cannot reach a resolution or if the faculty member believes that suspension from school is the only fair sanction, the case should immediately be reported by the faculty member, in writing, to the Dean of Students. If the Dean of Students observes any trends in student behavior which involve more than one violation or act of academic dishonesty, the Dean is responsible for notifying all faculty members involved, for contacting the student(s) involved, and after consultation with the faculty member(s) involved for taking the appropriate action. The Dean of Students is responsible for the timely notification (normally within two weeks) to all parties of an action taken.

Students wishing to appeal a disciplinary decision involving academic integrity or acts of academic dishonesty may do so through the Student Appeals and Grievance Procedure.

Withdrawing from (Dropping) the Course

If you decide that you are unable to complete this course or that it will be impossible to complete the course with a passing grade, you may drop the course and receive a "W" on your transcript instead. (The last day to drop a course is available on the Academic Calendar, located at the Student link on the Clarendon College website.) Withdrawal from a course is a formal procedure that you must initiate. If you do not go through the formal withdrawal procedure, you will receive whatever grade you have earned.

Whether to drop a class or not requires a lot of thought. According to Texas state law a student is only allowed to drop the same class twice before he/she will be charged triple the tuition amount for taking the class a third time or more. Furthermore, beginning with the Fall 2007 semester, students in Texas may only drop a total of 6 courses throughout their entire undergraduate career. After the 6th dropped class, he/she will no longer be able to withdraw from any classes.

If you think you need to drop this course, please talk with me about it first. It is possible that there is something you can do to still pass the course. Don't hurt your chances for a passing grade in the course by not turning in assignments or missing exams before we have discussed your situation.

Accommodation Statement

REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT:

In accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, any student who feels that he or she may need any special assistance or accommodation because of an impairment or disabling condition should contact the Associate Dean of Enrollment Services at 806-874-4837 / janean.reish@clarendoncollege.edu or visit the Clarendon campus at Clarendon College. It is the policy of Clarendon College to provide reasonable accommodation as required to afford equal educational opportunity. It is the student's responsibility to contact the Associate Dean of Enrollment Services.

Nondiscrimination Policy

Clarendon College, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status.

It is the policy of Clarendon College not to discriminate based on gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin, or sexual orientation. Harassment of a student in class, i.e., a pattern of behavior directed against a particular student with the intent of humiliating or intimidating that student will not be tolerated. The mere expression of one's ideas is not harassment and is fully protected by academic freedom, but personal harassment of individual students is not permitted.

Grievance/Appeals

If you have a dispute concerning your grade or policies in this class, it is the student's responsibility to contact the instructor to discuss the matter. Should things remain unresolved, please follow the procedures described in the Clarendon College Student Handbook or College Policy Manual.