Animal Science 140  
Introduction to Animal Science  
9:10-10:05 MWF EST 248  
12:45-2:05 TR EST 265  
Spring 2009

Instructor: Gordon F. Jones  
Office – EST 235  
Phone – 745-5960  
E-mail – gordon.jones@wku.edu

Grading:  
Quizzes (unannounced)  30%  
First Hour Exam  20%  
Second Hour Exam (comprehensive)  20%  
Final Exam (comprehensive)  30%

Course Description: An introduction to the animal industry on a state, national, and global basis, basic principles of reproduction and endocrinology, breeding and genetics, animal products and diseases. Emphasis is placed upon farm animal classification.

Text: Introduction to Animal Science-Damron-Third or Fourth Edition Animal Science 140 Class Notes-Jones and Abell

- Regular attendance is advised.
- Quizzes will cover only material from lecture since the previous quiz. **At least 5 quizzes must be taken in order to pass the course.** Some quizzes may be counted two or three times. **A total of 10 quiz grades will be used for final quiz average calculation.**
- Optional experiences may be available during the semester. Participation in the optional experiences may allow one to drop quizzes.
- In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the student Success Center in DUC. Please do not request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.
- Students who commit any act of academic dishonesty may receive from the instructor a **failing grade** in that portion of the course work in which the act is detected or a **failing grade** in the course without the possibility of withdrawal.
Lecture Outline by Topics

1. Introduction
2. An Overview of the Livestock and Poultry Industries (Chapter 2)
3. Genetics (Chapter 12)
4. Genetic Change Through Selection (Chapter 13)
5. Mating Systems (Chapter 14)
6. Nutrients and Their Functions (Chapter 15)
7. Digestion and Absorption of Feed (Chapter 16)
8. Forages and Pasture Management
9. Growth and Development (Chapter 18)
10. Market Classes and Grades of Livestock, Poultry, and Eggs (Chapter 8)
11. Meat and Meat Products (Chapters 3 & 9)
12. Poultry and Egg Products (Chapter 4)
13. Reproduction (Chapter 10)
14. Artificial Insemination, Estrus Synchronization, and Embryo Transfer (Chapter 11)
15. Lactation (Chapter 19)
16. Milk and Milk Products (Chapter 5)
17. Animal Health (Chapter 21)
18. Issues in Animal Agriculture (Chapter 23)
19. Breeds (Chapter 25, 27, 29, 33, & 36)