**Introduction to Animal Science**

Tentative Course Syllabus

Spring 2020

Course Number: ANS 121 Instructor: Rick Klampe

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Text: Scientific Farm Animal Production by Taylor and Field- 11th edition

**Course Outcomes:** Identify common breeds of livestock & their uses within the industry

Describe livestock management and production practices

Identify specie specific anatomical parts

Explain the basic concepts of animal nutrition

Explain the basic concepts of animal reproduction

Explain the basic concepts of meat science

**Date Topic Assigned Reading**

Week 1 Introduction, Syllabus, Grading

April 6-12

Role of Animal Agriculture Chapters 1 & 2

Week 2 Dairy Breeds Chapter 26

April 13-19 Dairy Industry Chapters 5 & 27

Virtual Dairy Tour

**Quiz 1 and Dairy lab quiz**

Week 3 Sheep Breeds Chapter 30

April 20-26 Sheep Management Chapter 31

Virtual Sheep Tour

**Quiz 2 and Sheep lab quiz**

Week 4 Swine Breeds Chapter 28

April-27-May 3 Swine Management Chapter 29

Virtual Swine Tour

**Midterm I and Swine lab quiz**

Week 5 Beef Breeds Chapter 24

May 4-10 Beef Management Chapter 25

Virtual Beef Tour

**Quiz 3 and Beef lab quiz**

Week 6 Meat Science Chapter 8

May 11-17 Market Grades and Classifications

Meat By Products Chapter 7

**Quiz 4**

Week 7 Horse Breeds and Anatomy Chapter 32

May 18-24 Horse Industry and Management Chapter 33

Virtual Horse Tour

**Quiz 5 and Horse lab quiz**

Week 8 Reproduction Chapter 10 & 11

May 23-31 **Midterm II**

Week 9 Nutrition Chapters 15 & 16

June 1-7 **Quiz 6**

Week 10 Animal Behavior Chapter 22

June 8-12 **Final Exam**

Grading: Two Midterms 100 2 @ 50 points each

Six Lecture Quizzes 120 6 @ 20 points each

Five Lab Quizzes 50 5 @ 10 points each

Research Paper 80

Final Exam 100

TOTAL 450 points

Final grades will be **EARNED** based on the following:

A = 90% of the highest point total in class.

B = 80% of the highest point total in class.

C = 70% of the highest point total in class.

D = 60% of the highest point total in class.

F = < 60% of the highest point total in class.

**Grading Guidelines:**

1. The research paper will be from a list of approved topics that will be given out in the first two weeks of class. Details on the paper will be provided at that time.

2. Quiz or exam material will come from Power Point presentations, handouts, virtual labs and assigned readings.

3. There will be 6 quizzes hroughout the term. It is in your best interest to not wait until the last minute in case there is an issue with Moodle. Quizzes will be on the topic from the current week’s instruction.

4. Midterm 1 will cover weeks 1-4 and Midterm 2 will cover weeks 5-8. The final exam will be comprehensive.

5. Incomplete Policy: In completes will be given in the event a student completes the majority of the course work, but for some valid reason, misses a portion of the class. Before an incomplete will be given, the student must sign a contract with the instructor stating how and when the work is to be made up. The awarding of an incomplete is at the discretion of the instructor.

6. You have until Friday of the seventh week (May 22, 2020) to drop a class without a grade penalty. If dropping the class puts you below 12 credits and you are on financial aid, you may lose your financial aid.

**Center for Accessibility Resources and Discrimination Statements**

Students who may need accommodations due to documented disabilities and who have medical information which the instructor should know, or who need special arrangements in an emergency, should speak with the instructor during the first week of class. If you have not accessed services and think you may need them, please contact CFAR at 541-917-4789.

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