

Reedley College Animal Science Program

Course Syllabus - Fall 2016

Course Number & Name AS1 - General Livestock Production	Section: 78533 Units: 3 Prerequisite: None
Instructor Contact Information F. Nicole Ray Phone: (559) 592-9421 ext 1603 Email: nray@exeter.k12.ca.us http://mrsnicoleray.weebly.com/	Office Hours: M, T, Th, F 2:30-3:15 Class Meetings: M,W,F 12:40-1:30 Office: A-4 Meeting Room: A-4

Holidays: Holidays as per Exeter High School district calendar.

Drop Deadline: Friday, October 14th. After this date, the student must receive a grade.

Final Exam Date: December 15th

Text & Other Course Materials:

- Introduction to Animal Science: Global, Biological, Social and Industrial Perspectives, 5th edition, W. Stephen Damron, ISBN 978013263896, Publisher: Prentice Hall, Copyright: 2013
- Notebook and writing utensil required.

Supplemental References: Animal Industry Trade Magazines, Livestock Breed Magazines, and online resources.

Grading Scale: A = 90-100%, B = 80-89.9%, C = 70-79.9%, D = 60-69.9%, F = Below 60%. The final grade for this course will be weighted as follows: 50% class assignments & tests, 25% out-of-class assignments, and 25% final exam.

Attendance Requirements:

- Attendance is required.
- Students are responsible for obtaining notes/information missed due to an absence from the instructor.
- Please notify the instructor if you know in advance that you will be absent from class.
- College policy dictates that an instructor should drop a student with two consecutive weeks of unexcused absences.
- At the end of the 9th week of instruction, no withdrawals are permitted and the student must receive a grade.
- Make up tests and quizzes will be given by appointment. Check with instructor for times.

Behavioral Standards:

All students are expected to act in a mature, responsible manner that respects the rights of all other students, the instructor, and any guest presenters that may participate in the class.

Canceled Class Notification: Notification sent via Canvas and Remind 101 system.

Cheating & Plagiarism:

In keeping with the philosophy that students are entitled to the best education available, and in compliance with Board Policy 5410, each student is expected to exert an entirely honest effort toward attaining an education. Violations of this policy will result in disqualification for the course.

Accommodation Statement:

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

Course Description:

This course is a survey of the livestock industry, the supply of animal products and their uses, with a special emphasis on the origin, characteristics, adaptation, and contributions of farm animals to the agriculture industry. This course will analyze the economic trends and career opportunities in animal agriculture.

Student Learning Outcomes:

Upon completion of this course, students will be able to:

1. Defend an opinion relative to the agricultural practice of raising animals for human use.
2. Outline animal husbandry practices that are consistent with industry approved quality assurance programs and that promote animal well-being, production efficiency, sustainability, and consumer acceptance.
3. Trace animal-based retail products from their original point of production, through the processing and marketing chains, to the consumer.

Course Learning Objectives:

In the process of completing this course, students will:

1. List animal contributions to human needs.
2. Identify the major breeds of farm animals and list their respective economically important contributions.
3. Identify external and internal anatomical features of livestock using appropriate terminology and relate their functions.
4. Explain the timelines and biological principles associated with animal reproduction cycles and growth.
5. Name marketing strategies and market classifications of livestock.
6. Understand animal behavior as it relates to health and performance.
7. Discuss major issues, trends, and challenges facing the livestock industry
8. Identify cultural contributions to and ethnic influences on the animal industry.
9. Identify career opportunities and requirements for successful employment.
10. Describe the major segments of the livestock industry.

Course Topic Outline:

<u>Topic</u>	<i>Apprx. Lecture Sessions (including Assessment)</i>	<i>Assessment Method (Subject to change)</i>
Course Overview & Orientation	1	Entrance Survey
Careers in Animal Science	2	Research Assignment
History & Significance of Animal Agriculture	2	Test
Issues Affecting Animal Agriculture	2	Test
Animal Behavior & Handling	2	Test
Animal Health	3	Test
Anatomy and Physiology	3	Test
Animal Breeding & Genetics	3	Test
Nutrition	3	Test
Beef Cattle Industry	2	Test
Dairy Cattle Industry	2	Test
Swine Industry	2	Test
Poultry Industry	2	Test
Small Ruminant Industries (Sheep & Goats)	2	Test
Equine Industry	2	Test
Holidays (Thanksgiving)	1	n/a
Final Exam Period	1	Final Exam
Total	35	