***Reedley College Animal Science Program***

**Course Syllabus – Spring 2022**

Course Number & Name: AS 1 – Introduction to Animal Science (In-Person Section)

Section Number: 51346

Instructor: David M. Lopes

Instructor Phone Number: 559-494-3000, ext. 3129

Instructor Email: david.lopes@reedleycollege.edu

Preferred Method of Contact:

E-mail. I check email messages frequently most days. I will usually return messages within 24 hours.

Office Location: FEM 10 (inside the old Forestry, Engineering & Math Building)

Office Hours (In-Person or via Zoom Appointment):

Mondays and Wednesdays from 10:00 am to 11:00 am

Tuesdays and Thursdays from 9:00 am to 10:00 am

Fridays from 1:00 pm to 2:00 pm

Class Meeting Schedule:

This is an 18-week course that will be meeting 100% in person (face-to-face format) this semester. This course does not include a lab component.

Lectures meet Tuesdays and Thursdays from 10:00 am to 11:15 am.

Class Meeting Location:

Agriculture Building, Room 2 (AGR 2).

Cancelled Class Notification:

In the event that an on-campus meeting of lecture or lab needs to be cancelled, the instructor will make every attempt to inform students, via CANVAS email, as soon as it is known that the meeting must be cancelled. The Division C Administrative Assistant will also be notified. This will result in a ‘Notice of Cancelled Class’ being posted to the Reedley College Website, <https://www.reedleycollege.edu/>, as well as a ‘Class Cancelled Sign’ being posted on the classroom door.

Use of CANVAS:

CANVAS is the course management system used by Reedley College and many other colleges and universities. Many components of this course will be administered through CANVAS. On-line tutorials on how to use CANVAS are available to students.

Much of what you will need to be successful in this course will be arranged into units of instruction called ‘Modules’ in CANVAS.

Holidays:

Holidays will be observed as per the State Center Community College District Schedule. Holidays this semester include:

* January 17 (Monday): Martin Luther King, Jr. Day
* February 18 (Friday): Lincoln Day
* February 21 (Monday): Washington Day
* April 11-15 (Monday – Friday): Spring Break

Drop Deadline:

The last day that a student can be officially dropped from this course is Friday, March 11th. After this date, a student must receive a grade.

Final Exam Date:

The final exam for this course will be administered in class on Tuesday, May 17th from 10:00 am to 11:50 am.

Course Prerequisites: None. There are no prerequisites for this course.

Course Co-requisites: None. There are no co-requisites for this course.

Course Advisories: English 1A or 1AH.

Course Units: 3 (based on 3 lecture hours per week)

Text and Other Course Materials:

Scientific Farm Animal Production: An Introduction to Animal Science, 12th Edition, Thomas G. Field and Robert E. Taylor, 2020, ISBN-13: 9780135187258

[Link to Text](https://www.pearson.com/store/p/scientific-farm-animal-production-an-introduction-to-animal-science/P100001148839)

This textbook is available in either hard copy or eText. Go to the website or visit the Reedley College Bookstore for details.

**The textbook for this course is optional (not required).**

Supplemental References:

Most references will be supplied in the form of links to various websites and videos. These will be provided through CANVAS.

Assessment and Grading:

Assessments of student learning will include written assignments, quizzes, and a final exam. The instructor reserves the right to develop and administer other forms of assessment as determined necessary. Students in this course can expect a minimum of one graded assessment each week. The final exam will be comprehensive in nature.

The final grade for this course will be weighted as follows:

75% assignments and quizzes

25% final exam (comprehensive)

The grading scale for this course is as follows:

A = 90 to 100%

B = 80 to 89%

C = 70 to 79%

D = 60 to 69%

F = under 60%

All grades for this course will be posted to CANVAS.

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 may 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 assignments will only be allowed for emergency situations and pre-excused absences.

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. All cell phones and other electronic gadgets that may cause distraction are to be turned “off” or kept on “silent” during lecture. If participating in a Zoom meeting, please keep your microphone on ‘mute’ unless you have a question or something to share.

Cheating and 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 agriculture practices that promote animal well-being, production efficiency, environmental stewardship, and consumer acceptance.
3. Convey to others a knowledge of the range of contributions that domestic farm animals make to human well-being.

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

Course topics will be arranged into units of instruction (i.e. ‘Modules’) in CANVAS.

Each module will be approximately 1 week in length.

1. Course Orientation
2. Careers in Animal Science
3. Introduction to Animal Agriculture
4. Animal Behavior and Handling
5. Issues Impacting Animal Agriculture
6. Animal Health
7. Reproduction
8. Genetics
9. Nutrition
10. Beef Cattle Industry
11. Dairy Cattle Industry
12. Swine Industry
13. Sheep industry
14. Goat Industry
15. Poultry Industry
16. Equine Industry
17. Livestock Anatomy & Evaluation
18. Final Exam Week

**First Assignment - Course Policies Contract**

**Instructions:**

1. Read the following course policies. Let the instructor know if you have any questions or need clarification.
2. Go to the assignment titled “Course Policies Contract” located in the ‘Assessments’ folder in Module #1 – Course Orientation in CANVAS.
3. Answer the questions indicating that you have read and understand the syllabus and policies for this course.

**Course Policies for AS 1 – Introduction to Animal Science:**

***Students are expected to understand the following basic information about this course:***

* This is an 18-week course that consists of lecture instruction only. There is no lab component for this course.
* The format of instruction for this course is 100% in-person (Face-To-Face).
* Many components of this course will be administered through CANVAS, the online course management system utilized by Reedley College.
* Instruction will be arranged into units called “Modules” in CANVAS. There will be up to 18 modules of instruction for this course (1 module for each week of the semester).
* Students can expect to be required to submit at least one graded assessment (e.g. quiz or assignment) each week, but sometimes there will be more than one assessment.
* Attendance for this course will be determined by roll call at the start of each lecture period. Failure to attend lecture sessions for two consecutive weeks during the first nine weeks of instruction can result in a student being dropped from the course.
* The textbook for this course is optional. Students are not required to purchase the textbook for this course.
* The final grade for this course will be weighted as follows:
	+ 75% assignments, quizzes, and discussion participation
	+ 25% final exam (comprehensive)

***What students can expect from the instructor:***

***The instructor will endeavor to provide a quality learning experience by…***

* Providing an equitable learning environment that respects the diversity of the class, campus, and community.
* Treating students with respect and fairness.
* Being available during office hours (and/or other times, by arrangement, if needed) to address any student questions or concerns.
* Responding to communications (email, phone, text) from students within a reasonable time period (usually within 24 hours). The instructor’s preferred method of contact is email.
* Providing clear instructions to students for navigating this course and completing all course requirements and assessments.
* Informing students about opportunities to enhance their educational experience at Reedley College (e.g. campus clubs, AGNR Department activities, industry events, job/internship opportunities, extra credit assignments, etc.).
* Utilizing the campus “Starfish” notification system to address the needs of students who might benefit from one or more available services provided by Reedley College.

***What the instructor will expect from each student:***

***Each student will endeavor to achieve a quality educational experience by …***

* Practicing excellent time management skills, proficiency in communication, and a high level of work ethic in regard to this course as these skills are highly valued by employers and should be practiced on a regular basis.
* Exhibiting respect toward all other students, guest speakers, faculty, staff and others associated with this class. Foul language, crude humor, and inappropriate comments directed at others (in regard to ethnicity, religion, economic status, disability, or any other factors) will not be tolerated.
* Preparing for weekly assessments by utilizing all components of each weekly module. This includes viewing the learning objectives, listening to the recorded lectures (if applicable), viewing the Power Point document, viewing any supplemental videos or resources, and participating in class discussions (when applicable).
* Completing and submitting required weekly assessments within the designated time slot. Some assessments will be required to be completed during lecture sessions and other assessments will be required to be completed on-line during a designated time slot.
* Putting in an honest individual effort to complete all required assessments. For quizzes and assignments designated “closed note”, this includes refraining from using materials posted to CANVAS (e.g. Power Point documents), any notes, or assistance of any kind from other current or former students when completing quizzes or exams. This also includes not using cell phones or other electronic media to research answers. Cheating is prohibited. Note that some assessments may be designated as “open note” or “research based” in format, in which case students will be expected to research information.
* Communicating any special needs or accommodations to the instructor within a sufficient period of time to enable facilitation of such needs/accommodations.
* Seeking instructor assistance, if needed. Please inform the instructor of any problems/barriers you might experience or expect to experience in regard to successfully completing the requirements for this course. Such matters might include anticipated absences from class, COVID related issues, computer/internet access, or other reasons. Please be aware that you are not expected, nor encouraged, to provide details of a personal nature.

***Special COVID Policies:***

* All Reedley College students and employees are to follow all campus and district COVID (Coronavirus) policies. Please be advised that these policies can change at any time. In the case that new policies are put into place, those new policies will likely supersede the existing policies.
* Information about COVID and current campus/district policies can be found at <https://www.reedleycollege.edu/covid-19/index.html>.
* Any student coming to campus for any reason (including class) must complete the Student Health Screen Check-In at <https://www.reedleycollege.edu/covid-19/index.html>. This process must be completed each time a student comes to campus.
* The basic campus/district policies include the following:
	+ Please stay home if you are sick or have tested positive for COVID.
	+ Please stay home if you have been in contact with someone who is sick or has tested positive for COVID.
	+ Inform the campus nurse, Kelly Murguia, if either of the two previous bulleted items are true. She must approve your return to campus. Her email is kelly.murguia@reedleycollege.edu and her phone number is 559-494-3750.
* When on campus (including lectures and labs), observe the following rules:
	+ Wear a facial covering.
	+ Practice social distancing.
	+ Wash your hands frequently and use hand sanitizer.