

**ANEQ 286
Livestock Practicum
Fall 2017**

Instructor: Dr. Samantha (Sam) Cunningham, Assistant Professor/Instructor
145B Animal Sciences
Office Phone: 970-491-7184 Email: sam.cunningham@colostate.edu
Office Hours:
 M – 10:30 a.m. to 12 p.m. in 145B Animal Sciences
 Th – 11 a.m. to 12:30 p.m. at ARDEC
 Or by appointment
 {even within outlined office hour times, appointments are encouraged}

Lecture: W 9 to 9:50 a.m. in Military Sciences 200

Lab: W: Sections 001 1 to 2:50 p.m. at ARDEC-Taylor Center
W: Sections 002 3 to 3:50 p.m. at ARDEC-Taylor Center

Teaching Assistants:

Lab:

<i>Name</i>	<i>Email</i>	<i>Office Location</i>
Colton Atkins	colton.atkins@colostate.edu	01

Recommended Text: Scientific Farm Animal Production: An Introduction to Animal Science, 11th ed., T.G. Field and R.E. Taylor. Pearson. ISBN-13: 978-0-13-376720-9

Additional course materials: Any additional course materials may also be found online on Canvas.
<http://info.canvas.colostate.edu/>

Other Requirements: Basic calculator.

Prerequisite: ANEQ 101 or ANEQ 102

Course description:

Livestock breeds and terminology; classification of feedstuffs; livestock handling and care; basic animal management techniques; hands-on experience.

General Course objectives:

This course is an introductory course designed for students with a sincere interest in the food animal industry and for students who wish to gain a broader understanding of the food animal system.

1. Students will have hands-on experience with livestock.
2. Students will develop a basic understanding of terminology used in livestock production systems.

General Course objectives cont'd:

3. Students will develop an appreciation for the different species of farm animals from both an individual and comparative perspective.
4. Students will develop an applied understanding of livestock production and marketing.
5. Students will gain from the instructor's general background and experience with livestock.

Course communication:*Contacting the instructor/TA:*

The best way to reach your instructor or TA's is to utilize the posted office hours, make an appointment to see us in our office(s), or by email. Email is usually the fastest, easiest way to contact us. Please, IF you email, use "Livestock Practicum" in the subject line of your email. Because of the number of students in this class and the number of emails we receive each day, keeping track of course related email is much easier if you identify this in the subject line. Please also be sure to use your full name in your email so that we may reply/contact you. Please make sure that your correct email is on file with the university, so that we may contact you, share additional course materials, and send announcements.

Contacting you:

Throughout the semester, we may need to contact you as individuals or as an entire class. Please make sure that CSU has your correct email on file. Course communication from instructors will come to you 1-as an announcement on Canvas or 2-in an email. Please be sure to check both regularly.

Email policy:

We will aim to answer emails in a timely manner within 24 hours during the school week (M-F).

Lecture:

Lecture will meet on Wednesday from 9 to 9:50 am in Military Sciences 200. Questions are always welcome during lecture. {If you have a question, it is a safe bet that someone else has the same one} Depending on the nature and scope of the question, it may be more appropriate to continue discussion after class or during office hours.

Lab:

Labs will meet on Wednesday afternoons 1:00 to 2:50 pm or 3:00 to 4:50 p.m. at ARDEC. Please allow travel time on both ends of your scheduled lab time. There will be labs held off campus throughout the semester. Transportation will be available, and we recommend that you use University provided transportation to off campus labs.

Questions are always welcome during lecture. If you have a question, it is a safe bet that someone else has the same one} Depending on the nature and scope of the question, it may be more appropriate to continue discussion after class or during office hours.

- Attendance is required in all labs. It is basically not possible to "make up" a missed lab
- It is not fair to others in the class to offer special projects to individual students to improve their grade. Therefore, please do not request special treatment in the form of an "individual project" to improve your grade
- Exams and quizzes will be conducted in lecture and will include material presented in lecture and lab
- Consider weather and scheduled lab exercises and dress accordingly

Lecture/Lab Policy:

We want everyone to succeed in lecture AND lab; meaning that you walk away understanding the material and hopefully want to learn more about livestock and being involved in the livestock industry. If at any time, concepts are unclear or you need to discuss your progress in the lecture or the lab, please contact and/or make an appointment with your course instructor or any of the teaching assistants.

Attendance:

Attendance and participation are important components of this course and are crucial for learning. Attendance is expected. By attending both lecture and lab regularly, you are setting yourself up for potential academic success in this course.

If you anticipate an excused absence, notify Dr. Cunningham IN ADVANCE (IN WRITING). Email is usually the best way to get in touch with Dr. Cunningham. If you anticipate an excused absence in lab, please notify your listed lab instructor/TA. IF you email, use "AN EQ 286" in the subject line of your email. Please also be sure to use your full name in your email so that we may reply/contact you. Anticipated excuses would include university related activities/events, personal health with a written excuse from a faculty advisor or doctor's note. All other excuses may be held at the discretion of the instructor. The student is responsible for any missed information and/or class material, as well as making arrangements for making up any missed work.

Attendance is encouraged--There will be NO make up for the lab portion of this course, as it is basically impossible to do it over. It will not be fair to other students in class to offer special projects to individual students.

Class conduct:

Asking of questions and discussion of relevant information in and outside class is highly encouraged; however, talking to neighbors, texting, sleeping, or studying for other courses during class time will not be tolerated. Come to class ready for discussions (you will be called upon).

NO CELL PHONES. If you have a cell phone that rings during class, you will automatically receive an unexcused absence for that class meeting. If you have an emergency situation where you need to have a cell phone on during class, let me know ahead of time. Cell phones, blackberries, iPhones, or other electronic communication devices with built-in calculators cannot be used for exams and will not be tolerated; only actual calculators will be allowed. Please refrain from using your phones during labs, unless you are given permission from your instructor. Phones can be distracting from the task at hand and create safety concerns.

Homework and Quizzes:

Late assignments will not be tolerated. Five points will be deducted for each day an assignment is late. Due dates will be printed on the top of all homework assignments. Quizzes will be scheduled on the syllabus. The instructor reserves the right to give unannounced quizzes throughout the semester.

There will be 3 lecture exams given during lecture or assigned on Canvas. Make up exams will be provided the week prior to finals week. Make up quizzes will be given at the discretion of the instructor.

Course grade:		99 to 100	A+
3 hour exams	50%	93 to 98	A
Final exam	15%	90 to 92	A-
Quizzes/homework	25%	87 to 89	B+
Participation	10%	82 to 86	B
		80 to 81	B-
		77 to 79	C+
		72 to 76	C
		70 to 71	C-
		67 to 69	D+
		62 to 66	D
		60 to 61	D-
		≤ 59	F

Grading scale:

The final exam will be comprehensive and is required for all students. The overall goal with multiple quizzes and exams is to provide each student with as many opportunities to succeed academically as possible in this course. If you attend lecture and lab and follow supplemental material, you should do well on exams and quizzes. The final exam is tentatively scheduled as a practicum style exam and is scheduled for the week prior to final exams.

Dates listed on the syllabus are tentative. Exam and quiz dates will be scheduled on this syllabus. Any changes to exam or quiz dates will be announced in class and posted on Canvas.

If circumstances require you to miss an exam or quiz, you must notify Dr. Cunningham PRIOR to the scheduled examination time. No after the fact excuses will be accepted for quizzes or exams.

It is the sole responsibility of the student to obtain information announced in class. Some, but not all, class notes will be posted on Canvas. Should you miss class, it is the responsibility of student to obtain notes from a classmate. It is not the responsibility of the instructor to provide students will complete class notes.

Extra credit will not be offered in this course and final grades will not be curved.

How much work is this course?

Colorado State University's expectations for student workload are that for each credit hour of instruction, you will need to spend, on average, 3 hours to attend lecture and to complete out of class readings and assignments. Our expectation is that you will be able to excel in this course by devoting, on average, 6 hours per week to course related activities. This means that on average, you should expect to spend 3 hours per week completing reading assignments and studying.

Academic Dishonesty:

Any violation of the Academic Integrity Policy in Student Handbook (<http://www.ssw.chhs.colostate.edu/field/files/Field%20Manuals/Policies/CSU%20Policy%20on%20Academic%20Dishonesty.pdf>) will result in an automatic failure in the course. Plagiarism and cheating are areas of concern for the course. You are expected to do you on work. Plagiarism or cheating of any kind will not be tolerated could result in automatic failure of this course.

Dress code:

Due to the nature of this class (lecture and lab), you will be outside working around livestock during many lab periods. Please dress appropriately. The weather will change throughout the semester, therefore it is in your best interest to wear clothes and shoes/boots you do not mind getting dirty as well as hat, gloves, coat, etc., with all of your labs.

Mandatory attire:

- Shirts that cover the shoulders
- Pants; no shorts or skirts
- Shoes—closed toe

** If you are not properly dressed for lab, you will not be allowed to participate due to safety concerns. Attendance points may be granted, however, if a lab requires hands on involvement, you will not be able to earn points towards the assignment grade.

Lab expectations:

When lab allows for students to handle livestock, safety of both the livestock and the handler are the primary concern. Following instructions from the instructor or guest lecturer is essential; there is no exception.

The objective of this course is to introduce students to applied livestock production and provide hands-on learning opportunities, please listen to instructors carefully regarding safety around livestock.

Please refrain from using your phones during labs, unless given permission from your instructor. Phones can be distracting from the task at hand and create safety concerns.

****INFORMATION IN THIS SYLLABUS IS SUBJECT TO CHANGE****

TENTATIVE Lab Schedule

Week	Date		For Next Week**
1	8-23	Course introduction; Online training	
2	8-30	Animal behavior and handling	Quiz 1
3	9-6	Animal Health	Quiz 2
4	9-13	Beef Quality Assurance	Quiz 3—IN LAB
5	9-20	Lecture: Exam 1; Lab: Breeds of Livestock	Quiz 4
6	9-27	Nutrition—Feed ID review, Feed Rations, Measuring Performance	Homework 1 ⁺
7	10-4	Lecture: Performance and Value Calculations; Lab: Tour a Livestock Auction Market	Homework 2 ⁺
8	10-11	Lecture: Dairy Cattle; Lab: Tour a Modern Working Dairy	Quiz 5
9	10-18	Sheep Production and Wool Evaluation	Quiz 6
10	10-25	Lecture: Exam 2; Lab: Beef Cattle EPDs	Homework 3 ⁺
11	11-8	TBA	Quiz 7
12	11-15	Lecture: Feedlot Industry; Lab: Tour a Sheep Feedlot	Quiz 8
13	11-22	NO CLASS/LAB::THANKSGIVING BREAK	
14	11-29	Beef Cattle Production	Quiz 9
			Exam 3 [§]
15	12-6	FINAL EXAM IN LAB (lecture will NOT meet)	

** All quizzes will be online on Canvas unless otherwise noted.

+ Homework assignments will be due the following week unless otherwise noted

§ Exam 3 tentatively will be an online assessment of knowledge

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