

Course Syllabus

ANS 307 – Animal Feeds and Feeding

Spring Semester, 2016

Lecture: Monday & Wednesday 8:00– 8:50 AM, AGIT 238

Labs: Wednesday Section 001 1:00-2:50 PM, AGIT 238

Section 002 3:00-4:50 PM, AGIT 238

Instructor: Courtney Sutton , Ad-Interim Instructor
School of Agriculture
Room 248
Courtney.Sutton@tamuc.edu
Office hours: MTWR 9:30-11:30 or by appointment

COURSE INFORMATION

Text: None. Materials will be provided in class.

Course Description: Chemical composition of feedstuffs, the requirements of domestic livestock animals, the utilization of nutrients, and formulating and balancing rations.

Student Learning Outcomes: In this course, students will:

- Develop a solid understanding of the chemical composition of animal feeds
- Be able to describe how feed processing affects nutrient utilization by animals
- Be able to identify animal feeds
- Know how to formulate a balanced ration for an animal or a group of animals
- Understand the laws and regulations regarding animal feeding and feed labeling

COURSE REQUIREMENTS

Attendance will be taken at the beginning of each lecture and laboratory period. There are 100 lecture attendance points available. For every unexcused lecture absence, 5 points will be deducted from these FREE attendance points. **Laboratory attendance is mandatory, and for every unexcused laboratory absence, 5 percentage points (1/2 letter grade) will be deducted from your final grade.** Notify me if you are unable to attend lecture or lab. Excused absences will not count against your grade; however, you will still be responsible for any assignments given out during class, and all material presented during class. I expect that when you are in class you will not cause disruption, talk to your neighbor, use your cell phone, read the newspaper, etc... If you cause disruption you will be excused, and marked with an unexcused absence for that lab. Please be respectful to your fellow classmates!

Six quizzes will be given throughout the semester. Quizzes will be given during laboratory periods, and dates are given in this syllabus. Quizzes are worth 30 points each, and the lowest quiz grade will be dropped. There will be **NO MAKE UP QUIZZES**.

Two exams will be given during the semester during the lecture period, and dates are given in this syllabus. The Exams are worth 150 points each. A final exam will be given at the end of the semester, and is worth 150 points. There will be **NO MAKE UP EXAMS**. If you must be absent on exam day for an excused reason, you must let the instructor know **PRIOR TO EXAM TIME**.

Laboratory exercises will be given weekly. Exercises are due at the beginning of the lecture on the Monday after the laboratory period in which it was assigned. You are required to work on your exercise during the laboratory period, and you may not leave until your work is complete or until laboratory time is over. If you finish early and wish to leave you must turn in your exercise before leaving. Exercises are worth 25 points each. Five points will be deducted for every day the assignment is late. (Monday after class = 5 point deduction, Tuesday = 10 point deduction, and so on.) Late exercises not turned in by Friday will receive a zero. Thirteen exercises will be given, and the lowest exercise grade will be dropped. Assignments must be handed in, and will not be accepted via email.

Grading:	Attendance	100 points
	Quizzes (5 @ 30 points)	150
	Exercises (12 @ 25 points)	300
	Exam 1	150
	Exam 2	150
	Final Exam	150
	Total	1000 points

- A: 900-1000 points
- B: 800-899
- C: 700-799
- D: 600-699
- F: Less than 600 points

UNIVERSITY POLICIES

ADA Statement

Students with Disabilities:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library

Room 132

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

StudentDisabilityServices@tamuc.edu

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).

**THE FOLLOWING DATES MAY CHANGE AT INSTRUCTOR'S DISCRETION
ADVANCE WARNING WILL BE GIVEN FOR ANY CHANGES**

COURSE CALENDAR

Week	Date	Lecture Topic	Lab Topic
1	1/20	Introduction, Nutrition Review	Dry matter, unit conversions
2	1/25	Proximate Analysis	
	1/28	Energy Feeds	Energy Feeds ID, Pearson square, algebra
3	2/1	Energy Feeds	
	2/3	Protein Feeds	QUIZ 1 Protein feeds ID, Pricing
4	2/8	Protein Feeds	
	2/10	Protein Feeds	More feed ID, Nutrient Requirements
5	2/15	Forages	
	2/17	Vitamins/Minerals	QUIZ 2 Vitamin/Mineral ID
6	2/22	Laws and Labeling	
	2/24	EXAM 1	Labeling
7	2/29	Poultry	
	3/2	Poultry	QUIZ 3 Poultry
8	3/7	Swine	
	3/9	Swine	Swine
	3/14	NO SCHOOL- SPRING BREAK	
	3/16	NO SCHOOL- SPRING BREAK	NO SCHOOL- SPRING BREAK
9	3/21	Beef Cattle	
	3/23	Beef Cattle	QUIZ 4 Beef Cattle
10	3/28	Beef Cattle	
	3/30	EXAM 2	NO LAB
11	4/4	Dairy Cattle	
	4/6	Dairy Cattle	Dairy Cattle
12	4/11	Sheep and Goats	
	4/13	Sheep and Goats	QUIZ 5 Sheep and Goats
13	4/18	Equine	
	4/20	Equine	Equine
14	4/25	Equine	
	4/27	Companion Animal	QUIZ 6 Companion Animal
15	5/2	Companion Animal	
	5/4	Review	Surprise
	5/9	FINAL EXAM: 8:00-10:00 AM (Monday)	

