

# Feeds and Feeding

## ANS 307 and 307L

### Spring 2017

### MWF 0900 – 0950

### Location: AGIT 253

Instructor:

Dr. Gregory Eckerle  
Office: AGIT 248  
E-mail: gregory.eckerle@tamuc.edu  
Office: 903-886-5717

Office Hours: By appointment or as posted on office door

**Course Description:** This course is designed to initiate interest in ration formulation of domestic farm animals. This course is also designed to discuss the basic animal feeds and forms along with differences in processing. For graduate credit those objectives and requirements shall be marked by an \* unless denoted.

**Required Materials:** There will be no required text for this course. All materials will be posted online as it becomes available. If student would like to purchase an optional text the following will be used for this course:

NRC for the following species

- ❖ Beef
- ❖ Sheep and goats
- ❖ Dairy

#### **Student Learning Objectives:**

- ❖ Develop an understanding feeds and formulation
- ❖ Discuss in practical terms ration evaluation
- ❖ Comparative analysis of various feeding practices
- ❖ Business evaluation
- ❖ Management of operation and resources\*

## **Course Outline:**

- ❖ Introduction to feeds
- ❖ Feed classification
  - Proteins
  - Energy
  - Minerals
- ❖ Feeding practices
- ❖ Feed management
- ❖ Ration formulation

## **Grading:**

1. Exams
  - a. Four exams will be administered throughout the semester. Exams may include sections containing True/False, multiple choice, short answer, mathematical, or essay questions. The fourth exam will consist of comprehensive final.
  - b. Tentative exam schedule
    - i. Exam 1 – February 7<sup>th</sup>
    - ii. Exam 2 – March 7<sup>th</sup>
    - iii. Exam 3 – April 4<sup>th</sup>
    - iv. Final Exam - TBD
2. Quizzes may be administered at random throughout the semester and will be worth 20 points a piece (two lowest scores will be dropped)
3. Attendance points will be awarded randomly throughout the semester.
4. A group project providing the full profile of a feed company in the United States.
5. Graduate students will be expected to design a full feeding program for a feedlot operation, this is to include the following
  - a. Feed procurement
  - b. Ration management
  - c. Ration formulation
  - d. Waste management
  - e. Margin management
  - f. Expected outcomes
  - g. Presentation

## 6. Late or missing work

- a. All late work will be automatically discounted 30% of its worth after the time it is due. Then an additional 10% will be deducted every day after the date the assignment was due.
- b. Students are expected to turn their work in on time, unless prior arrangements are made with the professor, or any unforeseen catastrophic circumstance arises.

### **Grading Policy:**

A	≥ 90%
B	80 – 89 %
C	70 – 79%
D	60 – 69%
F	≤ 59%

Exams	400 pts
Quizzes	300 pts
Group project	300 pts
Business plan	250 pts*
Total	1000/1250

## **Course and University Procedures and Policies:**

### **Course Specific Procedures:**

#### **Student Conduct**

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/admissions/registrar/documents/studentGuidebook.pdf>

## **TAMUC Attendance**

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

## **Academic Integrity**

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

## **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

Email: [Rebecca.Tuerk@tamuc.edu](mailto:Rebecca.Tuerk@tamuc.edu)

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

## **Nondiscrimination Notice**

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

## **Campus Concealed Carry Statement**

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.