

Beef Cattle Management

ANS 412

Fall 2015

Web Enhanced

Instructor:

Dr. Douglas Eborn
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Class Schedule:

Location: AGIT 238
Time: M/W/F; 9:00 – 9:50 A.M.
8/31/2015 to 12/18 /2015

Course Description

This course will cover the concepts of genetics, reproduction, feeding, health, and carcass value determination of beef cattle in the U.S. Students will be given out of class reading assignments and are expected to come to class prepared to have interactive and lively discussions. Additional material (handouts, PowerPoint lecture notes etc.) will be presented in class and made available to students either before or after lecture.

Materials – Textbooks

Required: **Beef Cattle Production Systems**
Author: Andy D. Herring
Publisher: CABI; 1 edition (December 5, 2014)
ISBN-10: 1845937953
ISBN-13: 978-1845937959

Course Objectives

1. Recognize the major beef breeds, how they could be classified according to biological types and consider how their strengths/weaknesses could be used in a crossbreeding program.
2. Know definitions of the most common EPDs used in beef cattle breeding and know how to properly use them.
3. Understand estrous cycle and how synchronization protocols control or manipulate the cycle.
4. Describe the key components or considerations of a beef cattle diet or ration during different phases of beef cattle production.
5. Know common diseases/parasites of beef cattle and how to control or prevent through vaccinations and deworming.
6. Know the characteristics and qualities of a beef carcass that determine carcass value.
7. **Complete Texas Beef Quality Producer Program.**

Grading

1. Exams

- Three exams will be given through the course of the semester. Exams may include an in class portion consisting of true/false, multiple choice, short answer, essay and/or a take home portion. The 3rd and final exam will be given during the week of finals and may or may not be comprehensive.

Tentative Exam Dates:

- Exam 1 – October 2nd
 - Exam 2 – November 6th
 - Exam 3 – December 16th (8:00 A.M.)
- All students are to take the in-class exams at the time they are scheduled unless you have a great excuse. If a makeup is written it may be more difficult, not easier, for the student.

2. Quizzes

- Approximately 11 quizzes will be given regularly throughout the course.
- Most quizzes will be given online through the course page on Ecollege but may also include some that are given in class. Usually 2-3 days will be allowed for the taking of quizzes online.
- Most quizzes will be announced with advanced notice but occasionally an unannounced quiz may also be given.
- The lowest quiz score for the course will be dropped.

3. Homework/Presentations

- Five to six presentations or homework assignments will be given throughout the semester. Typically they will be short 5 -10 minutes over a specific assigned topic. Presentations maybe individual or in a group depending on the topic. Specific instructions and guidelines for each presentation will be given in advance of the presentation.

4. Texas Beef Quality Producer Program

- Every student will take the Texas BQA training online and become certified by the end of the course.
- <http://www.texasbeefquality.com>
- Completion of the program will result in a certificate that will be given to the instructor for credit.

5. Late or missing work

- The student must take responsibility to notify the instructor in a timely matter for consideration and accommodation due to emergencies or other circumstances. Validation of may be required.
- Late homework/presentations will be accepted for up to a maximum of 3 times and will include an immediate deduction of 50%. It must be turned in no later than the following class period.

Grading Policy:

Exams	40%	A: 90% +
Quizzes	25%	B: 80-89%
Presentation/Homework	20%	C: 70-79%
<u>BQA Certification</u>	<u>15%</u>	D: 60-69%
Total	100%	F: Below 60%

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures

Academic Honesty

Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including (but not limited to) receiving a failing grade on the assignment, the possibility of failure in the course and dismissal from the University. Since dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced. In **ALL** instances, incidents of academic dishonesty will be reported to the Department Head. Please be aware that academic dishonesty includes (but is not limited to) cheating, plagiarism, and collusion.

Cheating is defined as:

- Copying another's test or assignment
- Communication with another during an exam or assignment (i.e. written, oral or otherwise)
- Giving or seeking aid from another when not permitted by the instructor
- Possessing or using unauthorized materials during the test
- Buying, using, stealing, transporting, or soliciting a test, draft of a test, or answer key

Plagiarism is defined as:

- Using someone else's work in your assignment without appropriate acknowledgement
- Making slight variations in the language and then failing to give credit to the source

Collusion is defined as:

- Collaborating with another, without authorization, when preparing an assignment

If you have any questions regarding academic dishonesty, ask. Otherwise, I will assume that you have full knowledge of the academic dishonesty policy and agree to the conditions as set forth in this syllabus.

University Specific Procedures

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