ANSC 597
ADVANCED BEEF CATTLE PRODUCTION

INSTRUCTOR(S): Dr. Randy Harp
OFFICE NO. : AGIT 135
TELEPHONE/FAX : 903-886-5351 cell ph. 254-485-4295 Fax 903-886-5990
OFFICE HOURS: Posted /contact Mrs. Valerie Fulkerson at the School of Agriculture
E mail: Randy.Harp@tamuc.edu

REQUIRED TEXTBOOK: You will be required to contact CEV Multi-Media in Lubbock Texas and purchase a contract to obtain a password and ID number. More information will be given the first week of school regarding the purchase of this media opportunity. Outside Reading and Video reviewing assignments will be subject matter and current topic related and given as CEV assignments or internet readings. Assignments for iCEVonline will be given in class and as each video relates to the subject matter being covered in class. All iCEV videos assigned should be viewed by December 5, 2016.

www.icevonline.com/register
www.icevonline.com/HARP002

Additional Suggested References
  ISBN -13:978 178064 507 0 CABI Boston, MA
  Texas Beef Cattle Management Handbook- Texas A&M Univ. ANSC Dept.
  Stockman’s Handbook, by Ensminger (In the bookstore and library)
  www.beef.org
  Beef Production and Management Decisions by R. E. Taylor and T. G. Field.
  1999. 3rd Ed. Prentice-Hall.

COURSE DESCRIPTION: Beef cattle industry, principles, involved in breeding, feeding, management, disease and parasite control, and marketing of cow-calf and stocker operation systems. A study of the concepts and principles of beef cattle production and management will be studied. Integration of principles of nutrition, breeding, physiology, and marketing will be discussed regarding production and management programs. The structure of industry, enterprise establishment, production practices, and improvement programs will further be discussed. In addition, beef cattle evaluation will be studied in relation to growth and development and marketing.
COURSE OBJECTIVES:

1. Students will gain knowledge related to the production, reproduction, and management of cow/calf operations, stockers/feeder cattle, and breeding systems.
2. Students will gain insight on current biotechnological practices that enhances the production of beef cattle.
3. Students will be expected to explore everyday management practices through external resources.
4. Provide an overview of the national and state beef industry as well as Beef Quality Assurance programs.
5. Familiarize students with the many facets of beef cattle production, including the importance of fitting specific beef cattle programs to given land and feed resources.
6. Develop skills in applying concepts of breeding, physiology, nutrition, herd health, economics and management into practical and profitable beef cattle programs.

INTENDED LEARNING OUTCOMES:

1. Understand the biological characteristics and needs of beef at all stages of growth.
2. Be knowledgeable of animal selection principles that allow optimum gains in desirable traits.
3. Be able to evaluate the efficiency and profitability of a beef operation.
4. Be knowledgeable of current terminology and biotechnology to allow intelligent discussion of beef production topics.
5. Be familiar with the overall diversity of beef production methods in order to promote the best possible strategies as producers, managers, animal care-givers, or industry representatives within the field of beef production.

COURSE REQUIREMENTS: (COURSE EXPECTATIONS)

Instructional methodology will include lecture and classroom discussion and engagement. Please refer to the grading policy for a breakdown of student evaluation. Outside readings and assignments will be included. You will be emailed powerpoint outlines for lectures as well as either email or personally give handout materials for reading and discussion.

NO CELL PHONE USAGE WHILE IN CLASS
Cell phones should not be visible during lectures or testing and should be turned off. If the student has a cell phone in their possession it should be off. A “No Tolerance” policy will be exercised in this matter. Students will be excused from class in cases of non-compliance.

GUYS: TAKE YOUR HATS OFF
All male students will take off any hats (caps, hats of any kind) when entering the classroom.
You will be required to assist with the FFA LDE’s sponsored by TAMUC/SOA on Oct 25th (tentative date)

**GRADING POLICY:**

Grades will be determined using the breakdown as follows:

- Final comprehensive exam: 20%
- Three regular exams: 40%
- iCEV and daily quizzes: 10%
- Project: 10%
- Research paper: 20%

Final grades are based on the following scale:

- Over 90% - A
- 75-89 - B
- 65-75 - C
- less than 65% - F

Make-up exams will only be given for excused absences. All make-up exams will be given at a time and date designated by the faculty member before the final exam review and exam period. It is the responsibility of the student to make arrangements for make-up exams.

Final Exam policy: All students are expected to be at the comprehensive final examination time period as outlined by the university final exam schedule. Once the final exam period begins, no student is allowed to leave the testing area/room until their exam is completed. At the same time, no student will be allowed to begin the test during this time period if another student has already completed testing and has left the designated testing area/room (in the case of a late arrival).

Students are responsible for materials presented as lectures, handouts, assigned audio-visual material, and assigned readings. Furthermore, students will be responsible for all out of class assignments that pertain to the lecture material.

**TECHNOLOGY REQUIREMENTS**

There will not be any technology requirements through TAMU-C.

**COURSE AND UNIVERSITY PROCEDURES/POLICIES**

*Course Specific Procedures/Policies*

Attendance/Lateness, Late Work, Missed Exams and Quizzes and Extra Credit
Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University 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.

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: Netiquette
http://www.albion.com/netiquette/corerules.html

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


Graduate Student Academic Dishonesty 13.99.99.R0.10

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.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: StudentDisabilityServices@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
**Academic Honesty**

TAMUC expects its students to maintain high standards of personal and scholarly conduct. Students guilty of academic dishonesty are subject to disciplinary action. Academic dishonesty includes, but is not limited to, cheating on an examination or other academic work, plagiarism, collusion, and the abuse of resource materials. Academic dishonesty will not be tolerated: Any student caught violating this policy will be given a zero for the affected assignment/exam or be administratively withdrawn from the course.

- **Plagiarism** - the unauthorized use or close imitation of the language and thoughts of another author and the representation of them as one’s own original work.
- **Collusion** – the assistance or an attempt to assist another student in an act of academic dishonesty.
- **Self-Plagiarism** - The submission of the same work for academic credit more than once without permission.
- **Fabrication** - The falsification of data, information, or citations in any formal academic exercise.
- **Deception** - Providing false information to an instructor concerning a formal academic exercise e.g., giving a false excuse for missing a deadline or falsely claiming to have submitted work.
- **Cheating** - Any attempt to give or obtain assistance in a formal academic exercise without due acknowledgment.
- **Sabotage** - Acting to prevent others from completing their work. This includes cutting pages out of library books or willfully disrupting the experiments of others.

**COURSE CALENDAR**

**SUGGESTED COURSE OUTLINE:**

August 29th

1. Introduction of the beef industry
2. Growth and Development of livestock

September 12th and 19th

3. Herd Health and Immunization Programs (Diseases and Parasites)

September 26th

(EXAM 1- Intro, Growth and Development and Diseases)
Continue Parasites and start Nutrition
4. Nutrition and Feeding Practices

October 3rd, 10th and 17th
Continue Nutrition and start Stocker operations
5. Stocker operations

October 24th

(EXAM 2 – Parasites and Nutrition/Stockers)

October 31st and November 7th

6. Reproductive concepts and management
   Research Paper Due: Nov. 7th

November 14th

EXAM 3 – Reproduction
Start
7. Breeding and Genetics/ Production Testing

November 21st, 28th and December 5th

Continue Breeding and Genetics
Project Due: Nov. 21st

December 12th

Final Exam