

Angelo State University

ASCI 4343 Beef Cattle Science

Professor:

Dr. Chase A. Runyan
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VIN 212
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***Email will be best way to contact me. I will make every effort to respond in a timely fashion.**

Office Hours:

Monday & Wednesday: 9:00 – 11:00am

*Open door policy – Come in if the door is open. **make appointments if you need to block off specific time***

Scheduled Meeting times:

Lecture: Tuesday & Thursday 9:30 – 10:20 (TBA)

Lab: Tuesday 3:00 – 4:50 (VIN 250 OR MIR Center OR other as specified)

Course Description:

Methods of breeding, feeding, management, and marketing of commercial and purebred cattle

Course Delivery:

This is a face-to-face course with online components that students are expected to access in [Blackboard](#).

Recommended Text:

Guidelines for Uniform Beef Improvement Programs, Ninth Edition. 2010. Beef Improvement Federation

Objectives:

Upon completion of this course students will:

- Understand the principles of profitable and sustainable beef cattle production
- Be engaged with fundamental concepts of beef cattle systems and how they interact
- Communicate production recommendations
- Develop basic understanding of industry parameters

Student Learning Outcomes:

- Increase proficiency in areas of management, nutrition, breeding, health, and marketing of beef cattle
- Gain skills implementing managerial practices which increase efficiency or productivity of beef cattle
- Display understanding of current managerial and economic decision making

Student Learning Assessment:

Student learning outcomes will be assessed from 10 or fewer quiz and/or homework assignments from lab and lecture sessions and 4 or fewer course exams.

Grading Determinations:

65% of overall course grade will come from Exam grades. 35% of overall course grade will come from quiz/homework assignments.

Grading Scale

- A = 89.5% and above
- B = 79.5 to 89.4%
- C = 69.5 to 79.4%
- D = 59.5 to 69.4%
- F = 59.4% and below

GRADING FORMULA: ((EXAM AVERAGE) × .65) + ((HOMEWORK/QUIZ AVERAGE) × .35)

Keep a record of your grades here:

QUIZ 1	QUIZ 2	HW 1	HW 2	HW 3	HW 4	HW 5	HW 6	HW 7	EXAM 1	EXAM 2	EXAM 3	FINAL EXAM

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

[Angelo State University Student Handbook](#)ⁱⁱ

[Angelo State University Catalog](#)ⁱⁱⁱ

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university's [Statement of Academic Integrity](#)^{iv} (Page 97).

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the

[Student Disability Services website](#).^v The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dr. Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)^{vi} for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity Statement](#)^{vii} in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).^{viii}

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 [Student Absence for Observance of Religious Holy Day](#)^{ix} for more information.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Miller, J.D. You may submit reports in the following manner:

Online: [Incident Reporting Form](#)^x

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.miller@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit the [Title IX website](#).^{xi}

Information About COVID-19

Please refer to ASU's [COVID-19 \(Coronavirus\) Updates](#)^{xii} web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification on potentially short notice based on developing circumstances.

Proposed Lecture Schedule

Date	Topic	Exam/Homework/Quiz
January 18	Syllabus/course overview	
January 20	Intro. Beef Cattle Production/History/Breeds	
January 25	Industry Structure—Systems Framework	
January 27	Basic genetic resources	
February 1	Fundamentals of crossbreeding	
February 3	Crossbreeding systems	
February 8	Animal identification – production records	
February 10	Data and selection of replacements	
February 15	Using Genomic information	
February 17	Replacement heifer development	
February 22	Controlling Calving Seasons	
February 24	EXAM 1 review	
March 1	EXAM 1	EXAM 1
March 3	Guest Lecture Series	
March 8	Bull Selection and management considerations	
March 10	Optional Content	
March 15	<i>No Class- Spring Break</i>	
March 17	<i>No Class- Spring Break</i>	
March 22	Nutritional management of cow herd	
March 24	Herd health considerations	
March 29	Herd health and beef quality assurance	
March 31	Slaughter Cattle Grading + fed cattle discussion	
April 5	Factors influencing Seedstock production	
April 7	Factors influencing Yearling-Stocker	
April 12	Factors influencing cattle feeding	
April 14	EXAM 2 review	
April 19	EXAM 2	EXAM 2
April 21	Advertising and Promotion + Marketing	
April 26	Optional Content	
April 28	Risk management	
May 3	Economic considerations	
May 5	Optional Content/Final Exam Review	
May 12	Final Exam – 8:00am – 10:00am	FINAL EXAM

**** Any part of this schedule is tentative to change ****

Proposed Lab Schedule

Date	Topic	Homework/Quiz
January 25	Breeds and biological types	
February 1	Crossbreeding systems comparisons	
February 8	Beef cattle performance records	
February 15	Breeding cattle evaluation and selection	
February 22	Reproductive management	
March 1	Optional Content	
March 8	Breeding Soundness Exams	
March 15	<i>No Lab – Spring Break</i>	
March 22	Optional Content	
March 29	Fed Cattle Evaluation	
April 5	Pasture evaluation and stocking rate problems	
April 12	Stocker/feeder cattle evaluation and pricing	
April 19	Optional Content	
April 26	Lab Practicum	

**** Any part of this schedule is tentative to change ****

ⁱ <https://blackboard.angelo.edu/>

ⁱⁱ <https://www.angelo.edu/current-students/student-handbook/>

ⁱⁱⁱ <https://www.angelo.edu/academics/catalog/>

^{iv} <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=97>

^v <https://www.angelo.edu/current-students/disability-services/>

^{vi} <https://angelo.policystat.com/policy/10659448/latest/>

^{vii} <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=97>

^{viii} https://www.angelo.edu/current-students/writing-center/academic_honesty.php

^{ix} <https://angelo.policystat.com/policy/10659368/latest/>

^x <https://www.angelo.edu/incident-form>

^{xi} <https://www.angelo.edu/title-ix>

^{xii} <https://www.angelo.edu/covid-19/>