

ANS 1119, Spring 2026 INTRODUCTION TO ANIMAL SCIENCE LAB

(1 credit hour)

Location:

- 1.) Monday 1:00 – 2:50 PM (ANLAB 005)
- 2.) Tuesday 1:00- 2:50 PM (ANLAB 005)
- 3.) Wednesday 1:00- 2:50 PM (ANLAB 005)

Instructors:

- Mrs. Courtney Mumm
Office: NA (meetings may be set in the ANS suite on campus)
Email: Courtney.Mumm@etamu.edu

Office Hours: Please set up a meeting via email.

Course description:

Hands on approach to the meat animal species. Students will participate in animal identification and handling, animal selection based on subjective phenotypic and objective measurements. Become familiar with the overall scope of various animal industries and their goals.

Text:

There will be no textbook required for the course. Material will be provided, and supplementary links will be provided in slides.

Learning objectives:

Identify different breeds and species of livestock and understand their purpose within their respective industry. Memorize physiological parameters such as gestation periods, growth rates, carcass characteristics. Understand and experience safe and productive livestock handling techniques. Become aware of university extracurricular animal opportunities such as: livestock judging, meats judging, horse judging, animal welfare judging etc.

Grading: The course will consist of 14 lab days. Students may drop their lowest two lab worksheet scores. There will be a comprehensive final during finals week. The dates and weekly schedule topics herein are liable to change with little or no notice and are all at the discretion of the instructor.

Points for Lab

Grade Category	Points per assignment	Total points
Weekly Lab Worksheet (in class)	10	80
Weekly Quizzes	5	40
Exams	100	300
Comprehensive Final	200	200
Discussions	10	20
		Total Points Possible: 640

***NOTE: If you complete the breed extra credit power points there is an additional 50 points EC up for grabs!**

Points Needed to Achieve Each Letter Grade

Letter Grade	Minimum Points Needed
A	576
B	512
C	448
D	384
F	<384

Tentative Schedule (liable to change due to animal availability):

Intro to Animal Science Spring 2025

Week 1 (January 12-18th): Syllabus Day

- Sunday January 18th at 11:59 PM Introduction Discussion and 2 replies due (10 points)

Week 2 (January 19-25th): MLK Jr. day Monday; NO LABS to keep schedules same

Week 3 (January 26-Feb 1st): Beef Cattle Breed ID Lab (10 points)

- Sunday February 1st at 11:59 PM Beef Cattle Breeds Quiz due (5 points)
- Sunday February 1st at 11:59 PM Beef Cattle Breeds EC Power Point due (10 points EC)

Week 4 (February 2-8th): Beef Cattle Selection Lab (10 points)

- Sunday February 8th at 11:59 PM Beef Cattle Selection Quiz Due (5 points)

Week 5 (February 9-15th): Dairy Cattle Lab (10 points)

- Sunday February 15th at 11:59 PM Dairy Quiz due (5 points)
- Sunday February 15th at 11:59 PM Dairy Breeds EC power point due (10 points EC)

Week 6 (February 16-22nd): BEEF AND DAIRY EXAM (100 points)

Week 7 (February 23-March 1st) Sheep and Goats Fiber Lab (10 points)

- Sunday March 1st at 11:59 PM Fiber Quiz due (5 points)
- Sunday March 1st at 11:59 PM Sheep and Goat Breed EC Power Point due (10 points EC)

Week 8 (March 2-8th): Sheep and Goats Market Lab (10 points)

- Sunday March 8th at 11:59 PM Market Sheep and Goats Quiz due (5 points)

Week 9 (March 9-15th): Spring Break; NO LABS

Week 10 (March 16-22nd): SHEEP AND GOAT EXAM (100 points)

Week 11 (March 23-29th): Swine Week 1 (10 points)

- Sunday March 29th at 11:59 PM Swine Week 1 Quiz due (5 points)
- Sunday March 29th at 11:59 PM Swine Breed EC Power Point due (10 points EC)

Week 12 (March 30- April 5th): Swine Week 2 (10 points)

- Sunday April 5th at 11:59 PM Swine Week 2 Quiz due (5 points)

Week 13 (April 6-12th): SWINE EXAM (100 points)

Week 14 (April 13-19th): Poultry Lecture (recorded online; Guest lecture by Emily Green)

- Sunday April 19th at 11:59 PM Poultry Quiz due (5 points)
- Sunday April 19th at 11:59 PM Poultry EC Breed Power Point due (10 points EC)

Week 15 (April 20-26th) Equine Lab (10 points)

Guest lecture with Mr. Wells (Monday lab will need to join another section or offer an online recording as he has a scheduling conflict)

- Sunday April 26th at 11:59 PM Equine discussion and 2 replies due (10 points)

Week 16 (April 27-May 3rd): COMPREHENSIVE LAB FINAL (200 points)

Class Policies:

Attendance: This course is held at the university farm classroom. You are responsible for arranging transportation to the farm if you do not have a vehicle. A link to the campus shuttle program will be provided to you at the beginning of the course, therefore, a lack of transportation will not constitute an excused absence. Your grade is based on the points. If you are not in class, you will not receive points for the lab worksheet that day. Ideally, students will plan to join a concurrent lab section. For school related absences or known absences please inform instructors in advance or as soon as possible with proper documentation. At the end of the semester, two of your lowest lab worksheets will be dropped (i.e.: you have two excused absences for the course but will still be responsible for material covered on exams as well as the online weekly quiz). No late work will be accepted for the online assignments and quizzes on D2L as they are open for the entire week. If you miss an exam, you must communicate your absence 24 hours in advance via email if at all possible, exceptions will be made for emergency situations. Makeup exams must be scheduled within a week of the missed exam via email. At the discretion of the instructor, makeup exams may be a different version of the original exam.

Laboratory Safety Rules and Regulations Contract:

Before participation with any live animals a Laboratory safety rules and regulations contract must be on file with the instructors.

Conduct and Academic Honesty:

Cell phone use will be kept to a minimum, and students are expected to conduct themselves in a professional fashion while in class. Students are not permitted to use cell phones or other smart devices during in- class exams. Calculators will be required on exam day. University photo policies will be adhered to. See photo contract agreement form. No pets will be allowed in class. In the event of a service animal contact instructors prior to class starting to allow for appropriate accommodations.

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/oneStopShop/undergraduateAdmissions/studentGuidebook.asp>

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

Undergraduate Student Academic Dishonesty Form

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03>

GraduateStudentAcademicDishonestyFormold.pdf

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

Americans with Disabilities Act (ADA):

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

Velma K. Waters Library Rm 162

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>

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.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit