



ANS 515, 01W, Advanced Animal Nutrition

COURSE SYLLABUS: Fall 2026

INSTRUCTOR INFORMATION

Instructor: Dr. Tasha King-Moser (Dr. King)

Office Location: AGET 233G or via Zoom

Office Hours: Monday 10:00 – 11:00 am, Wednesday 1:00 – 2:00 pm, or by appointment

Preferred Form of Communication: **E-mail** (tasha.king-moser@etamu.edu)

Communication Response Time: Within 2 business days

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

All material will be provided on D2L or via open access resources on the internet.

Course Description

Principles of animal nutrition; anatomy and physiology of the digestive system; biochemistry of digestion, absorption, and metabolism; and animal nutrition research methodology with emphasis on domestic animal species.

Student Learning Outcomes

1. Comprehend the processes associated with digestion, absorption, and metabolism of major classes of nutrients.
2. Identify differences in digestion and absorption between non-ruminants and ruminants.
3. Develop the ability to find recent information on advancements in feeds and technology to improve livestock performance.

COURSE REQUIREMENTS

Instructional Methods

This course will incorporate recorded lectures, reading assignments, quizzes, and exams.

Throughout the course, units will open on Wednesdays at 8:00 am with all lecture material to

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be completed by the following Sunday at 11:59 pm. One late assignment will be accepted and graded at 50%. **Exams will not be allowed to be taken past the due date. Utilization of artificial intelligence or chatbots for completion of the exams will result in a zero.**

Student Responsibilities or Tips for Success in the Course

The course offers flexibility for the student to complete on their own timeframe throughout the week. To ensure success in this course, it is recommended that the students identify a set time to sit down and work on completing the material each week. If questions arise, the student should reach out to the instructor via email.

GRADING

This course will cover digestive processes, non-ruminant and ruminant digestive physiology, digestion, absorption, and metabolism of carbohydrates, proteins, lipids, vitamins and minerals, and the use of feed additives.

Grades will be determined by adding all points awarded out of the total points available. Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Assessments

Five quizzes (20 points each), three hourly exams (100 points each), a cumulative final exam (200 points), and a paper (150 points) will make up the assessment of the course. While the course is asynchronous online, there will be opportunities throughout the semester to engage with classmates to discuss the material.

Course Outline/Calendar

Digestive Anatomy and Physiology

Non-Ruminant Nutrition: Carbohydrates, Lipids, Protein

EXAM 1 will be due on September 29th at 11:59 pm

Ruminant Nutrition: Fermentation, Carbohydrates, Fiber, Lipids, Protein

EXAM 2 will be due at October 29th at 11:59 pm

Vitamins and Minerals

EXAM 3 will be due December 2nd at 11:59 pm

Papers will be due November 24th at 11:59 pm

Cumulative Final will be due December 8th at 11:59 pm

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TECHNOLOGY REQUIREMENTS

Minimal Technical Skills Needed

Students will need reliable computer and internet access for this course. Students must be able to effectively use myLeo email, myLeo Online D2L, and Microsoft Office.

Learning Management System (LMS) – D2L

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are the technical requirements:

- View the [Learning Management System Requirements Webpage](#).
- Learn more on the [LMS Browser Support Webpage](#).

Access and Navigation

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

Communication and Support

If you have any questions or are having difficulties with the course material, please contact me at Tasha.King-Moser@etamu.edu

STUDENT RESPONSIBILITIES FOR COURSE

CWID and Password

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Technology-Related Issues

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COMMUNICATION AND SUPPORT

Interaction with Instructor Statement

If you have any questions or are having difficulties with the course material, please contact your instructor. Correspondence will always be through university email (your “myLeo” mail) and announcements in myLeo online (D2L). You will not RECEIVE email through D2L, so be sure to check your ETAMU email for communication. Students are encouraged to check university email daily.

Include the Following in Emails with Instructor:

- Course name and subject in the subject line
- Salutation (Good afternoon, Dr. Jackson)
- Proper email etiquette (no “text” emails – use proper grammar and punctuation)
- Student name and CWID after the body of the email (possibly add to student signature on email)

COURSE AND UNIVERSITY PROCEDURES/POLICIES

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.

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 online in the [Student Guidebook](#).

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Students should also consult the [Rules of Netiquette Webpage](#) for more information regarding how to interact with students in an online forum.

ETAMU Attendance

For more information about the attendance policy, please view the [Attendance Webpage](#) and the [Class Attendance Policy](#)

Academic Integrity

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

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

[Undergraduate Student Academic Dishonesty Form](#)

Use of Artificial Intelligence

East Texas A&M University acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors' guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources

Students with Disabilities-- ADA Statement

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:

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Office of Student Disability Resources and Services

East Texas A&M University
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@etamu.edu
Website: [Office of Student Disability Services](#)

Nondiscrimination Notice

East Texas A&M University 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 East Texas A&M University 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 ETAMU 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.

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

East Texas A&M Supports Students' Mental Health – Counseling Services

The Counseling Center at East Texas A&M University, 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 www.tamuc.edu/counsel

Mental Health and Well-Being

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The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



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