



ANS 319 01E (CRN:81036): Anatomy and Physiology of Domestic Animals

COURSE SYLLABUS: Fall I 2026

Meeting Times: Mon, Wed, Fri 10:00a-10:50a

INSTRUCTOR INFORMATION

Instructor: Dr. Abdelmoneim Hassan

Office Location: AG/ET 233C

Office Hours: Open Door or by appointment

University Email Address: Abdelmoneim.Hassan@tamuc.edu

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

There is no required textbook for the course. Course materials: All powerpoints, lectures, and other materials will be posted on D2L prior to or within 24 hours of class. Attendance will be of the utmost importance, as well as collaboration with your peers in the event of an absence to get the note material.

Course Description

This course is a look at the Anatomy (location) and Physiology (function) of primarily food animal species in the US. Specific anatomical differences will be highlighted along with physiological pathways and processes which are required for homeostasis.

Student Learning Outcomes

1. Be familiar with anatomical terminology, descriptions and locations of important anatomical landmarks in food animals.
2. Understand the correlation of anatomy to physiological processes.
3. Understand and apply universal physiological mechanisms necessary for homeostasis in animals.

The syllabus/schedule are subject to change.

4. Know the function and importance of each system within the body to homeostasis in animals.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the learning management system, using Microsoft Word and PowerPoint, using presentation and graphics programs, etc.

Instructional Methods

Course material will be delivered via in-person lectures and classroom discussions. Knowledge and skills will be assessed via specific exams and a comprehensive final exam. See the grade distribution breakdown below and the schedule for further clarification. This course will be offered as a face-to-face, in-person course. All assignments and exam details will be listed in D2L. Additional information about exams and assignments will be provided in class prior to their due dates. Participation and attendance will be assessed based on regular in-class attendance and active engagement during lectures.

Student Responsibilities and Tips for Success in the Course

In order to be successful in the course, students will need to ensure that they actively participate in the course, including any in-person or online activities or discussions; thus attendance and completion of assignments is paramount. A good rule of thumb is that students should spend approximately 2-3 hours outside of class on the course material for every hour of face-to-face meeting time. If you have any questions at all regarding the course structure, material, or anything else related to the course, feel free to post the question on the discussion forum on D2L or email the instructor. I can't help you if you don't ask for help!

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100% (900 – 1000 points)

B = 80%-89% (800 – 899 points)

C = 70%-79% (700 – 799 points)

D = 60%-69% (600 – 699 points)

F= 59% or Below (<600 points)

Assignment	Point Value
Exam 1	120

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Exam 2	120
Exam 3	120
Exam 4	120
Exam 5	120
Final Exam	200
Assignments/Participation	200
Total	1000

Assignments/Exams

Assignments and exams will be developed in accordance with course material.

Course Outline:

Topic 1: General Concepts

Topic 2: Nervous System

Topic 3: Endocrine System

Topic 4: Immune System and Blood

Topic 5: Cardio Pulmonary System

Topic 6: Digestive System

Topic 7: Urinary System

Topic 8: Reproductive System

Topic 9: Skeletal System

Topic 10: Muscular System

Assessments

All assessments and grading are presented in the above table. Assessments will include primarily exams, but will also include assignments throughout the semester. You will be graded on a combination of exams, assignments, and participation.

Exams: Exam dates and topics will be announced during classes as well as on D2L. The final exam will be based on cumulative material. All exams will be taken during

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class time and will last 60 minutes, with the exception of the final exam, which will last 2 hours. This is a closed-note, closed-book exam (no resources may be used on the exam). The final exam will be offered during the university-designated timeframe. Students will take the final exam at the university-designated time.

Assignments: Students will be given assignments throughout the semester. These assignments may be worksheets, quizzes, case studies, etc.

Late Assignments, Absences and Bonus Points

Two late assignments will be allowed throughout the semester and will be graded at 50% of the total points. After two, no more late assignments will be accepted.

Students are expected to attend all classes as participation and classwork points will be awarded sporadically throughout the semester in the form of pop quizzes, worksheets, and attendance. If absences are to occur, students must work with the professor to complete necessary tasks to make up for information covered during the absence. If an absence is to occur during an exam, the student must give the professor 24 hr notice via e-mail at minimum for arrangements to be made.

Bonus points or changes to points on the syllabus are subject to change at the discretion of the professor.

TECHNOLOGY REQUIREMENTS

LMS

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

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

Other Technology Requirements

You **MUST** have access to the Microsoft Office Suite (Word, Powerpoint, etc.) for this class. If you do not currently have these programs, you can receive them for free through

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the university by contacting CITE (see below). Assignments and your final project **MUST** be uploaded

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@tamuc.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 your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

I will always do my best to respond to a student's email within 48 business hours (this does not include weekends or holidays). If I fail to respond to an email within this time, please feel free to send a follow-up email! With regards to grading, every effort will be made to grade assignments and exams within one week of due date, though circumstances may dictate that it takes slightly longer.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Late assignments will not be accepted without a valid excuse per the discretion of the instructor. All assignments, unless otherwise noted, must be submitted through D2L – hard copies will not be accepted. Exams will only be rescheduled for **university-approved absences** and may not be the same as the exam given during the regularly-scheduled exam time.

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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](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

A&M-Commerce requires the use of face-coverings in all instructional and research classrooms/laboratories. Exceptions may be made by faculty where warranted. Faculty have management over their classrooms. Students not using face-coverings can be required to leave class. Repetitive refusal to comply can be reported to the Office of Students' Rights and Responsibilities as a violation of the student Code of Conduct.

Students should not attend class when ill or after exposure to anyone with a communicable illness. Communicate such instances directly with your instructor. Faculty will work to support the student getting access to missed content or completing missed assignments.

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](#)

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

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[Graduate Student Academic Dishonesty 13.99.99.R0.10](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf>

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:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Gee Library- Room 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.

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Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34/SafetyOfEmployeesAndStudents/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.

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