

**ANS 597 – 01W 41766: Advanced Animal Behavior****Summer I 2022****Time: Online****Location: Online**

Instructor: Dr. Jared Mumm

Office Location: AG/ET 233H

Office Hours: Open Door or by appointment

University Email Address: [jared.mumm@tamuc.edu](mailto:jared.mumm@tamuc.edu)**Course Information**

Text – No textbook will be required. Articles and readings used in class will be accessible online or provided. Other useful text will be displayed and mentioned.

Recorded lectures and readings will be made available in the course shell on D2L.

**Course description:**

This course will outline the many fields of animal behavior, along with its evolution. Theories and behavioral application throughout history and their application to modern domestic animal production will be explored and applied to food animal production. The physiological and neural control of behavior will be explored in depth along with the animals' abilities for learning and cognition. The specific application of this base knowledge will be outlined in the domestic food animal species. Behavioral data collection and analysis will also be discussed.

**Learning Objectives:**

1. Understand and acknowledge different scientific behavioral fields and their application.
2. Acknowledge, understand and apply genetic and evolutionary principles of domestication in production animals.
3. Identify, understand, and apply, neurobiological anatomy and endocrine processes to animal behavior.
4. Apply, genetic, evolutionary, anatomical, and physiological aspects of domestic species to their common and uncommon behavior.
5. Understand and apply behavioral data collection techniques to food production animals.

## **Course Requirements:**

This course will be taught online via recorded lectures and readings. The use of a computer is imperative, you will be watching recorded lectures. Along with recorded lectures you will be asked to download and interpret readings from links and web based journals. That interpretation will also require Microsoft office package such as excel and Microsoft word. You will be expected to turn in written feedback using proper English and grammar. Quizzes and exams will be over material covered on slides and within the recordings. Assigned readings and outside sources that are provided may also be included in the material you are required to know. Short version: Watch the lectures, do the readings, turn in your stuff.

## **Grading:**

The grading scale will be as follows:

**A** = 90%-100%

**B** = 80%-89%

**C** = 70%-79%

**D** = 60%-69%

**F**= 59% or Below

The point totals will include all points from quizzes, readings, assignments, or exams that are assigned throughout the semester. There will be no grade weighting.

## **Schedule:**

The course will be broken into unit topics (there will be some overlap within topics) each topic will be roughly 1 week in length and expect a unit quiz along with 1 applied reading each week.

**Unit 1:** Defining Behavior

**Unit 2:** Genetics, Evolution, Domestication

**Unit 3:** Neuroanatomy, Neurophysiology (this one is hard)

**Unit 4:** Learning, Cognition

**Unit 5:** Species Specific Behaviors, Data Collection

## 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](mailto: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 be accepted up to one week following the due date with a 10% loss of points per day late, including weekends. 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.

### 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>

[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](mailto:studentdisabilityservices@tamuc.edu)

Website: [Office of Student Disability Resources and Services](http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/)

<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/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.