

# Department of Animal Science

Fall 2014

## ANSC 3315 Behavior and Management of Domestic Animals

**Class Meeting: 11:00 – 11:50 MWF**

COURSE NUMBER/TITLE: ANSC 3315 Behavior and Management of Domestic Animals

INSTRUCTOR: Dr. Byron C. Housewright, ph. 432-837-8413  
e-mail: [bhousewright@sulross.edu](mailto:bhousewright@sulross.edu)  
*Office:* RAS 107  
Office Hours: MTW 1:00 – 4:00  
Online Course Materials: Blackboard 9  
Website: <http://sulross.blackboard.com>

TEXT: No Required Text

COURSE OBJECTIVES: This course is designed to introduce students to concepts of animal behavior and management. Concepts will include various theories on training of domestic animals as well as inherent behaviors of wild and domestic species. In addition discussions will be had over a variety of behavioral categories including maternal, social and sexual behavior.

- Detection and diagnosis of disease by behavioral observation.
- Categories, biological basis and social structure of aggression in domestic animals.
- Internal rhythms and sleep.
- Physiological basis of sexual behavior.
- Biological basis of maternal behavior.
- Development of behavior.
- Different types of learning.
- Ingestive behavior of domestic animals.

PROJECTED LEARNING OUTCOMES:

Student will demonstrate that he/she is able to:

1. Recognize and be able to utilize animal breeds from a variety of domestic species
2. Comprehend the role of nutrition in the production of food animals
3. Understand the processes involved in producing meat products from a variety of domestic food animals
4. Select breeding animals using genetic information

## GRADING POLICY:

|  |                  |
|--|------------------|
| Exams 2 @ 100 pts ea:                  | 200 points total |
| Research Project:                      | 300 points total |
| Topic Reflection papers 5 @ 40 pts ea: | 200 points total |
| Discussion Boards 4@ 50 pts ea:        | 200 points total |
| Movie review:                          | 100 points total |

A= 1000 – 900

B= 899 – 800

C= 799 – 700

D= 699 – 600

F= 599 and below

**Late Assignments** – Assignments that are turned in late will be accepted, but there will be a 10% reduction in the grade for each day following the due date.

- 1) Exams** – A total of two exams will be given during the semester. A midterm exam will be given on Wednesday, October 15, 2014 and a final during the designated time. Each exam will be worth 100 points.
- 2) Research Project** – This project is to be designed to investigate a topic with animal behavior which you are interested. Project proposals are due on Monday, September 15, 2014 in class. Final write-ups are to be turned in by Monday, December 1, 2014. Final write-ups should include a short introduction and literature review with no less than 3 sources, a materials and methods section and finally a results and discussion.
- 3) Topic Reflections** – A total of 5 topic reflections will be due throughout the semester. We will cover a total of 9 topics during the semester and you may select 5 topics that you wish to write a 1.5 to 2 page reflection over. These reflections will be due 1 week following the completion of each topic. Due dates for each will be announced in class.
- 4) Movie review** – During class the movie “Temple Grandin” will be shown and you should complete a review on this movie including thoughts and ideas on animal behavior and facility design. This movie review will be due on Wednesday, October 8, 2014.
- 5) Discussion Boards** – A total of 4 discussion boards will be posted throughout the semester. Each is worth 50 points each. You are required to complete 2 original posts and 3 replies to classmates. Each separate post will be graded with a 10 point maximum based on quality of the discussion and ideas presented in each post.  
Discussion Board 1 closes – September 19, 2014  
Discussion Board 2 closes – October 17, 2014  
Discussion Board 3 closes – November 14, 2014  
Discussion Board 4 closes – December 3, 2014
- 6) Dates to Remember:**  
Monday, September 15, 2014 – Project Proposal due  
Friday, September 19, 2014 - Discussion Board 1 closes  
Wednesday, October 8, 2014 – Movie Review  
Wednesday, October 15, 2014 – Midterm exam

Friday, October 17, 2014 - Discussion Board 2 closes  
 Friday, November 14, 2014 – Discussion Board 3 closes  
 Monday, December 1, 2014 – Project write-up due  
 Wednesday, December 3, 2014 – Discussion Board 4 closes

**Reasonable accommodations for students with disabilities:**

If you have a disability that may require assistance or accommodation or if you have questions related to any accommodations for testing, not takers, readers, etc, please speak with me as soon as possible.

**About Me:**

I grew up in Stephenville, TX where my father was on faculty at Tarleton State University and my mother taught special education. After high school I attended Texas Tech University and received my undergraduate in Animal Science. From there I went to The University of Tennessee where I received my Masters and PhD in Ruminant Nutrition and Nutritional Physiology respectively. After finishing my PhD I worked until 2000 in industry as a technical service nutritionist, private nutrition consultant and director of nutrition for Con Agra. I began teaching in 2000 at Texas A&M-Commerce where I stayed until 2007. Going back into industry for a few years working as a nutritionist primarily in WI and then taught at Tennessee Tech University during the 2011-2012 academic year. I started at Sul Ross State University in the fall of 2012. During my academic career I have taught, General Animal Science, Anatomy and Physiology, Biochemistry, Livestock Management, Beef Production, Nutrition, Feeds and Feeding and Sheep and Goat Production among other courses.

**Tentative Schedule of Weekly Topics:** These are subject to alteration if time warrants.

| <b>Week of:</b> | <b>Topic covered</b>                  |
|-----------------|---------------------------------------|
| Aug. 25         | Introduction                          |
| Sept. 1         | Communication                         |
| Sept. 8         | Communication                         |
| Sept. 15        | Aggression and Social Structure       |
| Sept. 22        | Aggression and Social Structure       |
| Sept. 29        | Temple Grandin Discussion             |
| Oct. 6          | Biological Rhythms and Sleep          |
| Oct. 13         | Biological Rhythms and Sleep/Learning |
| Oct. 20         | Learning                              |
| Oct. 27         | Sexual Behavior                       |
| Nov. 3          | Maternal Behavior                     |
| Nov. 10         | Maternal Behavior                     |
| Nov. 17         | Development of Behavior               |
| Nov. 24         | Imprinting                            |
| Dec. 1          | Behavioral Disorders                  |