

# **ANSC 1513: General Animal Science**

## ***Course Syllabus***

Spring 2019

*Course Instructor:* Dr. Audra Harl

*Office:* 417 AGBUS Building

*Office Hours:* MW 10:00 AM-12:00 PM, TR 9:30 AM-12:00 PM

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*Course Meeting Times:* MWF 9:00-9:50 AM

*Classroom:* Juvenile Justice Building 257

### **Course Description**

An introduction to the animal science industry with a focus on large animal production. Topics covered include basic anatomy, physiology, health, and nutrition.

### **Course Objectives**

- Identify basic terminology utilized in the animal science industry.
- Introduce common branches of animal science including: Nutrition/digestive anatomy, reproductive anatomy, animal behavior, genetics, and biotechnology.
- Identify common breeds of livestock utilized in animal science.
- Introduce basic companion animal and exotic animal industries.

### **Computer Use**

All communication for this course will be conducted via Ecourses. This includes course announcements, and any necessary communications to the class throughout the course. It is the responsibility of the student to check the course portal and personal student email regularly for any announcements regarding the course. Any changes to the schedule or material will be available on the Ecourses site.

Computer use is required for this course. Spreadsheets and access to the internet may be needed in order to complete course assignments. If you do not have access to the internet at your home, there is free computer and internet access in multiple locations on campus. Please let me know if you need assistance gaining access to the online course material and announcements.

### **Grading**

The course is designed with multiple opportunities to earn points. Grading curves are left to the discretion of the instructor, but ***you should not count on them*** for grade improvement. Grades will be rounded to the nearest whole number (89.5 rounds up to 90). The following is the class grading scale:

**Grading Scale:**

A ≥ 90%	C 70-79%	F < 60%
B 80-89%	D 60-69%	

**Points Possible:**

Online Syllabus Quiz	10 pts
Meet with the instructor	10 pts
Case Study (TS Online)	25 pts
Houston Zoo Assignment (TS Online)	25 pts
Online quizzes 9 @ 20 pts each	180 pts
Homework assignments 8 @ 20 pts each	160 pts
Farm activities (2 @ 10 pts each)	20 pts
Exams (4 @ 100 pts each)	400 pts
Final Exam	100 pts
<b>Total Points</b>	<b>930 pts</b>

## Assignments

### *Syllabus Quiz*

Students are required to complete an online quiz over the course syllabus. I want to make sure you see all the important information contained in this document. It will answer some of your questions regarding this class. This quiz is due by 11:59 PM on the Friday of the first week of class. You will be allowed one attempt at the quiz, and 30 minutes in which to take it. This quiz is worth 20 points.

### *Meet with the Instructor*

All students are required to set up a one-on-one meeting with the instructor during the first three weeks of class. This is an assignment, and you will be getting credit. This gives me a chance to meet each one of you and get to know you a little. You may make an appointment by signing up on the appointment slots via email, and the appointments will last approximately 15 minutes.

### *Case Study*

There will be a case study assignment due online during the last week of class. This is your largest written assignment of the semester, so begin early to avoid scrambling to finish it at the last minute. The case study will be due to Taskstream online. For specific instructions about this assignment, please see the assignment outline on ecourses.

### *Farm Activities*

As part of your coursework, you will be required to participate in activities out at the farm. You will need to participate in at least two (2) activities during the course of the semester, and be sure that your name is recorded on the roll sheet at those activities. This work will be outside of normal class meeting times, but is still required. You will be around animals during these activities, so be sure to dress appropriately. Please wear close-toed shoes only, and clothing that you don't mind getting dirty. Dates and times of activity opportunities TBA.

### *Weekly Online Quizzes*

There will be weekly online quizzes coming from class material. These quizzes will help you keep on top of the material and give me an indication of how well you understand a concept. If there is a topic everyone seems to be struggling with, this will show me and we can go back over the concepts so everyone understands. Students will have 20 minutes to complete the quiz. Quizzes will open on Friday at 12:00 AM each week and will close Saturday at 11:59PM each week. Each student needs to work individually on their quiz. ***There will be no make-up quizzes***, except in the event of a pre-approved excused absence. Please make sure you have a reliable internet connection, because if your internet cuts out while you are attempting a quiz, you will not be given a second attempt. I will not be accepting poor internet connections as an excuse.

### *Exams*

There will be four (4) exams for this course and a final exam. All exams will be conducted in-class. The final will be comprehensive. Students will have the entire regularly scheduled class period to complete the exam, and two hours to complete the final. Students with disabilities can make arrangements with the instructor ***at least two weeks prior to the exam date***. Exams will cover material covered during in-class lectures and any assigned readings.

### *Houston Zoo Field Trip*

The Houston Zoo offers many opportunities to engage the public and educate people about our wildlife and conservation of amazing animals. If you want to work with exotics, zoos will be the primary way of doing so. During the semester, you will be participating in a field trip to the Houston Zoo. The assignment is worth 25 points and is due online via Taskstream. To complete the assignment, please see the assignment outline on ecourses.

We will be taking a group trip to the Houston Zoo on February 25<sup>th</sup>. We will leave campus at 9:00 AM and plan to be gone most of the day. If you need an excused absence from other classes to participate, please let me know as soon as possible. You will need to bring a bag lunch or plan on purchasing lunch at the zoo. Admission to the zoo and transportation will be covered by the university. If you cannot participate, I need to know so I can assign you make-up work.

### *Taking Notes*

Because of the rapid nature of the class, there will be a lot of material presented during our meetings. Good note-taking skills will help you pick out the important information without needing to copy every word. Please see the "Note-taking Tips" videos in the "General" folder on ecourses for note-taking strategies. Also feel free to come to me with questions about your notes and I will be happy to help you.

## *Help During the Course*

My goal for this course is your success. I want every student to do well in my class. If you need help understanding the material, please feel free to come see me in my office. If my door is open, I am more than happy to visit with you. If you are unsure about when I am in my office, just shoot me an email and make an appointment with me.

## **Course Policies**

- For each day an assignment is late, a letter grade will be taken off. If you will not be in class on the day an assignment is due, you are responsible for making arrangements with the instructor to turn the assignment in early, or with a classmate to turn the assignment in on time.
- All in-class assignments are due at the beginning of class.
- No make-up assignments will be allowed. Exceptions are for absences that are cleared by the instructor *prior to the absence*. **Documentation is required for all excused absences, illnesses, and emergencies.**
  - Excused absences include school-related activities representing PVAMU including: Sports, club, and professional organization activities.
  - In order to be excused, the student must provide written permission from the supporting faculty/instructor *prior to the absence*.
  - Emergency absences are evaluated on a case-by-case basis, and documentation is required to be provided to the instructor.
  - Illnesses require documentation from a physician in every case.
- Students are responsible for adding/dropping classes.
- In the event of a missed class, it is the student's responsibility to obtain the materials/notes given during class. Make contacts in class. This is the best resource for missed material.
- Attendance is mandatory for this class and roll will be taken during every class. You will not be able to properly learn the material if you are not in class. More than three (3) unexcused absences will result in a drop in letter grade. It is your responsibility to sign the roll sheet. If your name is not on the sheet, you are not considered present for that day.
- Late attendance policy: If you are more than 10 minutes late to class, ***you will be considered absent for that day***. It is disrespectful to the instructor and your fellow students to disrupt the class by coming in late. Please come on time.
- Emails to the instructor may not be answered on the same day. Any messages (email or phone) received after 5PM or on the weekend will not be answered until the next business day. Please use campus email to ensure that the message is received.
- Please be courteous
  - Please do not ask if material will appear on the exam. Material presented in the course is considered important, and anything presented in class or assigned for reading could appear on the exam.

- Turn in assignments without a name. Assignments turned in with a name missing will receive a score of 0.
- Turn in multiple-page assignments without a staple. Assignments turned in without a staple will receive a score of 0.
- Inappropriate or lewd behavior and/or language will not be tolerated.
- Allow cell phones to remain on “ring” during lecture. If there is something that needs your attention during class time, please leave the classroom to take care of it.
- There is a one-week window after returned assignments to meet with the instructor about grading concerns. Grades are final one week after the assignment is returned.
- Keep all graded assignments until a final course grade is assigned.
- If there is evidence of any form of academic dishonesty, the student will receive an “F” for the course and be reported to Student Judicial Affairs.

## **Students with Disabilities**

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 believe you have a disability requiring an accommodation, please contact Disability Services, in Evans Hall, Room 317, or call 936-261-3585. For additional information visit <http://disability.pvamu.edu>.

**\*\*\* The contents of this syllabus, including the point structure, schedule, and grading structure are subject to change at any time at the discretion of the instructor\*\*\***

## Tentative Schedule

Week	Date	Topic	Assignments
1	1/14 1/16 1/18	-Introduction: The animal science industry -Careers in animal science -Basic terminology	-Syllabus Quiz Online -Animal Science Career Sheet
2	1/21- <b>NO CLASS</b> 1/23 1/25	-What do animals eat? -Feedstuffs -Digestive anatomy	-Quiz 1 ONLINE -Feedstuff ID
3	1/28 1/30 2/1	-Digestive anatomy, continued -Exotic & companion animal feeding - <b>EXAM 1 on Friday, 2/1</b> -DEADLINE FOR MEET WITH THE INSTRUCTOR ON 2/1	-Exotic animal digestive systems -EXAM 1
4	2/4 2/6 2/8	-Reproductive anatomy	-Quiz 2 ONLINE -Exotic animal babies
5	2/11 2/13 2/15	-Domestic animal behavior -Wild animal behavior -What is behavior telling us?	-Quiz 3 ONLINE -Zoo animal enrichment
6	2/18 2/20 2/22	-Animal handling practices - <b>EXAM 2 on 2/22</b>	-Safety in animal handling -EXAM 2
7	2/25- <b>FIELD TRIP</b> 2/27 3/1	-Animal health -What causes disease? -Preventing disease	-Quiz 4 ONLINE -Disease fact sheet
8	3/4 3/6 3/8	-Animal diseases -Zoonotic diseases -Genetic diseases	Quiz 5 ONLINE
9	3/11-3/15	-SPRING BREAK	
10	3/18 3/20 3/22	-The principals of inheritance -Mitosis and meiosis -Gene expression - <b>EXAM 3 on 3/22</b>	-Punnett Square worksheet -EXAM 3
11	3/25 3/27 3/29	-Biotechnology -Genetic engineering -Biomedical uses of animals	QUIZ 6 ONLINE -Applications of Biotechnology

<b>12</b>	<b>4/1 4/3 4/5</b>	-Transgenic animals -Recombinant DNA technology	<b>Quiz 7 ONLINE</b>
<b>13</b>	<b>4/8 4/10 4/12</b>	-The cattle industry -The poultry industry	<b>Quiz 8 ONLINE</b>
<b>14</b>	<b>4/15 4/17 4/19</b>	-The small ruminant industry -The swine industry <b>-EXAM 4 on 4/19</b>	- <b>-EXAM 4</b>
<b>15</b>	<b>4/22 4/24 4/26</b>	-The horse industry -Companion animals -Exotics	<b>Quiz 9 ONLINE</b>
<b>16</b>	<b>4/29</b>	-FINAL REVIEW	

**\*\*Schedule Subject to Change\*\***