Animal Reproductive Physiology Lab
ANS 428L Fall 2017
Agriculture Building, Room 121

Course Information:
Course Number and Title: ANS 428 Animal Reproductive Physiology Lab
Course Day and Time: Thursday; 12:30 pm - 2:20 pm
Location: Agriculture Building Room 121

Instructor Information-
Instructor: Dr. Stephanie Jones
Department: Agriculture
Office: 104, Agriculture Building
Phone: 936-468-4571
Email: JONESL19@sfasu.edu
Office Hours: Monday/Wednesday/Friday: 8:00-9:00 am; 11:00 am-12:00 pm;
Tuesday/Thursday 8:00 am-9:30 am; Thursday 11am-1pm
OR by appointment

Required Textbook: None

Reference Textbooks:
Pathway to Pregnancy and Parturition, P. L. Senger, 2nd or 3rd edition. ISBN # 0-9657648-2-6 or ISBN # 0-9657648-3-4
Anatomy and Physiology of Farm Animals, Franson, 7th edition.
Reproduction in Farm Animals, Hafez, 8th edition.

Lab Description: To gain understanding in the concepts and applications of reproduction in farm animals. Endocrinology, anatomy and physiology, spermatogenesis, oogenesis, fertilization, gestation, parturition, and behavior will be studied with practical application toward increasing animal reproduction.

Lab Goals: Students will understand fundamentals of reproductive anatomy of male and female, hormonal regulation of reproduction, puberty, cyclicity of reproduction, biotechnology related to reproduction, process of parturition, puerperium, and lactation.

Lab Objectives: The objective of this lab is to familiarize students with the process of reproduction in livestock and companion animal industries.

Student Learning Objectives: Students will be able to describe the anatomy, physiology, of the reproductive systems of several animal species, and will be able to compare and contrast this
topic between species. Students will be able to identify the reproductive anatomy and reproductive structures of animals. Students will be able to develop a reproductive management plan for caring for chosen species of animals. Student progress will be evaluated by quizzes and lab discussions over class and lab content.

**Grading**

Grades will be determined by the following:

**Number of assignments may change at the discretion of the instructor.**

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Lab Attendance and Participation</td>
<td>200</td>
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<tr>
<td>13 – Quizzes (20 pts each)</td>
<td>260</td>
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<tr>
<td>Final Exam</td>
<td>100</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>560</strong></td>
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**Attendance:** *Expected and Encouraged.* Students will sign an attendance sheet daily as record of their attendance. It is each individual student’s responsibility to ensure they sign the daily attendance record, as failure to do so is documented as an absence. For absences to be considered excused, advanced notice is preferred, documentation upon return to class is required. **Only excused absences will be allowed to make up missed work,** including homework assignments, quizzes, exams, and project. **More than two unexcused absences will result in the loss of a letter grade per each subsequent absence.**

**Student Responsibilities:**

- Attend all lectures (See Attendance above) and actively participate in class discussions
- Read required materials **prior to lecture**
- Restrict discussion in class to material in hand and related topic
- Meet all announced deadlines for assignments

**Program Learner Outcomes:**

1. The student will demonstrate competence of technical and applied subject matter.
2. The student will exhibit problem solving skills based on quantitative and analytical reasoning.
3. The student will demonstrate effective communication skills
4. The student will exhibit leadership and other interpersonal skills needed for career placement and advancement.

**Academic Integrity (A-9.1)**

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**Definition of Academic Dishonesty**

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a
component of a class; (2) the falsification or invention of any information, including citations, on
an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or
plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your
own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work
when, in fact, it is at least partly the work of another; (2) submitting a work that has been
purchased or otherwise obtained from an Internet source or another source; and (3) incorporating
the words or ideas of an author into one's paper without giving the author due credit.
Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp

Any breech of academic integrity will result in failure of the class.

Withheld Grades Semester Grades Policy (A-54)
Ordinarily, at the discretion of the instructor of record and with the approval of the academic
chair/director, a grade of WH will be assigned only if the student cannot complete the course
work because of unavoidable circumstances. Students must complete the work within one
calendar year from the end of the semester in which they receive a WH, or the grade
automatically becomes an F. If students register for the same course in future terms the WH will
automatically become an F and will be counted as a repeated course for the purpose of
computing the grade point average.

Students with Disabilities
To obtain disability related accommodations, alternate formats and/or auxiliary aids, students
with disabilities must contact the Office of Disability Services (ODS), Human Services Building,
and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified,
ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be
provided. Failure to request services in a timely manner may delay your accommodations. For
additional information, go to http://www.sfasu.edu/disabilityservices/

Acceptable Classroom Behavior: Classroom behavior should not interfere with the instructor’s
ability to conduct the class or the ability of other students to learn from the instructional program
(see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be
tolerated. Students who disrupt the learning environment may be asked to leave class and may be
subject to judicial, academic or other penalties. This prohibition applies to all instructional
forums, including electronic/online forums, classroom meetings, labs, discussion groups, field
trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate
in the classroom. Students who do not attend class regularly or who perform poorly on class
projects/exams may be referred to the Early Alert Program
http://www.sfasu.edu/judicial/earlyalert.asp. This program provides students with
recommendations for resources or other assistance that is available to help SFA students succeed.

Responsible use of technology: It is expected that all students will only use cell phones, PDAs,
laptop computers, MP3 players and related devices outside of class time or when appropriate in
class. Answering a cell phone, texting, listening to music or using a laptop for matters unrelated
to the course may be grounds for dismissal from class or other penalties.