Animal Reproductive Physiology
ANS 428 Fall 2018
Agriculture Building, Room 121

Course Information:
Course Number and Title: ANS 428 Animal Reproductive Physiology
Course Day and Time: Monday/Wednesday/Friday; 9:00-9:50 am
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: M/W 8-9:00AM; 10-11:00AM and TU/TH 8-11:30AM and By Appointment
Office Hours are subject to emergency situation at the Equine Center **Open Door Policy**

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Reference Textbooks:
Anatomy and Physiology of Farm Animals, Franson, 7th edition.
Reproduction in Farm Animals, Hafez, 8th edition.

Course 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.
Course 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.

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

General Education Core Curriculum

The Texas Higher Education Coordinating Board has identified six core learning objectives: Critical Thinking Skills, Communication Skills, Empirical and Quantitative Skills, Teamwork, Personal Responsibility, and Social Responsibility. SFA is committed to the improvement of its general education core curriculum by regular assessment of student performance on these six objectives.

Program Learner Outcomes:
1. The student will demonstrate competence of technical subject matter in animal and poultry sciences.
2. The student will demonstrate effective oral and written communication skills.
3. The student will exhibit leadership and other interpersonal skills needed for career placement and advancement.
4. The student will exhibit problem solving skills based on quantitative and analytical reasoning.
5. The student will demonstrate knowledge of farm and ranch skills.

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, exams, and online discussions over class content.

Grading

Grades will be determined by the following:

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

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
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<tbody>
<tr>
<td>4 - Hour exams over lecture material</td>
<td>400</td>
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<tr>
<td>10 – Quizzes (20 pts each)</td>
<td>200</td>
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<tr>
<td>Final Exam</td>
<td>200</td>
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<td><strong>Total</strong></td>
<td><strong>800</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,
More than three (3) 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

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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Topic and Chapter</th>
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<tbody>
<tr>
<td>8/27</td>
<td>M</td>
<td>Syllabus and Introduction/Chapter 1</td>
</tr>
<tr>
<td>8/29</td>
<td>W</td>
<td>Female Reproductive System: Major Structures/Chapter 2</td>
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<tr>
<td>8/31</td>
<td>F</td>
<td>Female Reproductive System: Minor Structures/Chapter 2</td>
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<tr>
<td>9/3</td>
<td>M</td>
<td>Female Reproductive System: Ovarian Structures/Chapter 2</td>
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<tr>
<td>9/5</td>
<td>W</td>
<td>Female and Male Reproductive System/Chapter 2 &amp; 3</td>
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<td>9/7</td>
<td>F</td>
<td>Male Reproductive System/Chapter 3</td>
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<td>9/10</td>
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<tr>
<td>9/12</td>
<td>W</td>
<td>Female and Male Reproductive Systems Review</td>
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<td>9/14</td>
<td>F</td>
<td>EXAM 1/Chapters 1-3</td>
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<td>M</td>
<td>Regulation of Reproduction/Chapter 5</td>
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<td>9/21</td>
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<td>Reproductive Cyclicity – Luteal/Chapter 9</td>
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<td>Reproductive Cyclicity – Species differences/Chapter 7</td>
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<td>Male Endocrinology/Chapter 10</td>
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<td>Male Endocrinology &amp; Spermatogenesis/Chapter 10</td>
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<td>Puberty/Chapter 6</td>
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<td>10/17</td>
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<td>11/9</td>
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<td>EXAM 4/ Chapters 4, 13-15</td>
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<td>12/3</td>
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<td>Big Picture Discussion/ All Chapters</td>
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<td>Big Picture Discussion/ All Chapters</td>
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<td>12/7</td>
<td>F</td>
<td>Final Exam Review/ All Chapters</td>
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<tr>
<td>12/10</td>
<td>M</td>
<td>FINAL EXAM @ 8:00 – 10:00 AM/ <strong>ALL CHAPTERS</strong></td>
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# Weekly Schedule/ Office Hours

## Dr. Stephanie Jones  
Department of Agriculture  
Agriculture 104

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tbody>
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<td>9:00 AM</td>
<td>ANS 428 - Repro</td>
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<td>9:30 AM</td>
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<td>11:00 AM</td>
<td>ANS 241 - Horse Prod.</td>
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<td>11:30 AM</td>
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<td>2:00 PM</td>
<td>Equine Center</td>
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<td>2:30 PM</td>
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<td>3:00 PM</td>
<td>ANS 201 - Basic</td>
<td>ANS 201 - Basic</td>
<td>Office Hours</td>
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<td>3:30 PM</td>
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