

Welcome to Animal Science 424 – Physiology of Reproduction and Lactation

Class Times	Lecture: MW 2:00 – 2:50 PM Lab: T 3:00-4:50
Room	Lecture: KH 307 Lab: KH 306
Instructor	Dr. Keela Trennepohl
Office	KH 315
Phone	805-440-8421
Email	Km-trennepohl@wiu.edu
Office Hours	MWF 11 - 12; T 1 PM - 2 PM
Final Exam	Monday, December 14 th 3:00 PM - 4:50 PM

COURSE DESCRIPTION

Principles of physiology and functioning of the endocrine system in relationship to reproduction, infertility, and lactation in farm animals.

COURSE LEARNING OBJECTIVES

- Articulate basic organization and function of the female and male reproductive system.
- Demonstrate knowledge of embryogenesis, regulation of reproduction, and puberty.
- Understand the basics of puberty and importance.
- Implement knowledge of reproductive cyclicity into applied systems
- Explore pregnancy, gestation, parturition, and lactation of livestock species.
- Communicate effectively in a professional matter, using clear writing skills.

COURSE TEXT and OTHER MATERIALS

- Recommended text: *Pathways to Pregnancy and Parturition* 3rd edition, P. L Senger
- You Can't Hurt Me – David Goggins
- The class will use Western Online for distribution of course materials. Outlines and/or PowerPoint Presentations for class will be posted on this page in Adobe Acrobat (*.pdf) format.

COURSE EXPECTATIONS

In this course, I expect you to expand upon your basic reproductive animal knowledge and to critically examine aspects of reproduction with which you are not already familiar. In the end, you will be able to apply reproductive knowledge to livestock production practices.

COURSE POLICIES AND PROCEDURES

I expect you to attend every class on time and be ready to effectively contribute. In order to help prepare you for post-graduation responsibility, I will not accept late assignments or provide make-up tests, homework, quizzes, projects, or etc. A lecture exam exception may be made only with University-recognized emergency (instructor must be notified within 24 hours of exam date and time) or official school business if instructor is notified at least one week in advance. In order to provide course accessibility, lecture material will be distributed on Western Online. Please make it your responsibility to check Western Online before each lecture for any updates that may occur. There may be times when assignments or quizzes are presented online or in class without prior notice. This is to insure your attendance in lecture and ensure that you are taking responsibility for your learning in the course. If you choose to miss class or forget to check the course Western Online which results in missed graded points, you will not be given an alternative assignment. If you do miss class, it is your responsibility to check with a classmate upon your return to see what you may have missed.

Attendance will be taken on occasion in lecture. Each unexcused absence will result in a ten point reduction in overall final score in the course.

Students with disabilities: In accordance with University values and disability law, students with disabilities may request academic accommodations where there are aspects of a course that result in barriers to inclusion or accurate assessment of achievement. To file an official request for disability-related accommodations, please contact the Disability Resource Center at 309-298-2512, disability@wiu.edu or in 143 Memorial Hall. Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.

Maintaining high ethical standards is of utmost importance, not only for this class, but as a student, in a professional career, and in your personal life. I expect everyone in this class to uphold Code of Student Conduct in Student Handbook and be familiar with all applicable policies including but not limited to academic dishonesty and disruptive behavior. Any breach of this code will result in, at minimum, a failing grade for the course. To access the Policy, please visit <http://www.wiu.edu/policies/acintegrity.php> In addition, students have certain rights and responsibilities to be aware of as seen online at: <http://www.wiu.edu/provost/students.php>. Tobacco use of any form is not allowed during class and texting is prohibited. **No animals except for service animals are allowed in lecture class or lab.**

University values, Title IX, and other federal and state laws prohibit sex discrimination, including sexual assault/misconduct, dating/domestic violence, and stalking. If you, or someone you know, has been the victim of any of these offenses, we encourage you to report this to the Title IX Coordinator at 309-298-1977 or anonymously online at: http://www.wiu.edu/equal_opportunity_and_access/request_form/index.php. If you disclose an incident to a faculty member, the faculty member must notify the Title IX Coordinator. The complete Title IX policy is available at: <http://www.wiu.edu/vpas/policies/titleIX.php>.

Students should have coverage for major medical, surgical and emergency expenses, either through their parents/guardians, or a personal health insurance policy. WIU Health Services provides outpatient medical attention to all students; additional health services are available at a low cost.

Attention Education Majors:

The changes within the state teaching license require all education majors to receive a grade of a "C-" or better in this course in order to meet these new requirements. With the university +/- grading system, receiving a "D+" or below will require you to retake this course or find a substitute course to meet School of Agriculture graduation requirements.

OFFICE HOURS

I am very happy to meet with you during office hours and to confer with you by email (please use your wiu.edu address). Office hours will be virtual either via zoom or phone unless otherwise scheduled. If your schedule prohibits you from attending my office hours, please make an appointment or if my door is open just stop by. Please come prepared and it always to best to come before you have a serious problem. You will find that if you put forth a deserving positive effort, I will do my absolute best to help you succeed.

COURSE DELIVERY

All lecture content will be delivered in person prior to Thanksgiving break. The last two weeks of the course will be utilized to complete your verbal final, discussion of You Can't Hurt Me, and turn in challenges from You Can't Hurt Me. The laboratory points are attendance based. If you attend and participate in all labs, you receive a 50/50 of lab points, missing one lab 40/50, missing two labs 30/50, and missing three labs 20/50, missing 4 or more labs results in 0/50 of lab points. Participation will be assessed and discussed on an individual basis.

COURSE GRADING

Final grade in class based on a percentage of total possible points accumulated in both lecture and laboratory. A class curve may be used.

A. Graded Items

Lecture	Points (each)	Dates
7 Quizzes	30	During Lab
Project	50	You Can't Hurt Me
Verbal Final	100	
Lab	50	
Total	410	

B. Final grade - minimum percentages.

A	=	94-100%
A-	=	90 – 93.99%
B+	=	87 – 89.99%
B	=	84 – 86.99%
B-	=	80 - 83.99%
C+	=	77 – 79.99%
C	=	70 – 76.99%
D	=	60%

At the end of the quarter, grade percentage breaks may be lowered, but never raised.

Course Adjustments Due to Pandemic

- Facial masks must be worn in class – no exceptions.
- Attendance will be taken for face to face classes to assist with contact tracing should this become necessary.
- I will be limiting my time on campus and will be working from home as much as I can. I will respond to emails as quickly as I can.
- Most assignments will be completed and graded online.
- In person office hours will still be available but virtual meetings will be preferred.

Potential Disruptions to Face-to-Face Classes

- It is the intent of WIU to offer face-to-face classes where possible throughout the fall. However, there may be a period where individual faculty members (including myself) will have to self-isolate.
- There is also a risk that the university will have to return to all online course before the semester is over.
- Any disruptions requiring me to move my classes to an online format (whether briefly or for an extended period) will be handled by moving content to Western Online in an asynchronous format. Course notes will be supplemented by brief videos as relevant in such a situation. If we move back as a university to all online, my courses will be offered as an asynchronous online class with weekly check-ins to review key concepts and for discussion. Additional discussion boards may be added as needed.

Positive Actions You Can Take

- Wear your masks when around others and encourage others to do the same.
- Wash your hands frequently.
- Think about the risk of social interactions with others – minimize as much as possible.
- Understand we are all in this together. Have patience with everyone as we adjust to this change in our environment.

This syllabus is subjective to change as the course progresses.