

ARTIFICIAL INSEMINATION
SPRING 2021

Instructor: Clayton Weber
Office: WOH 127D
Hours: Email for Zoom appointment
Phone: 917-4768
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Course #: ANS 227
Meets: Lecture: Online **Lab W: 1-3:50pm Face-to-Face**
Credits: 4
Classroom: WOH 122
Required Supplies: Appropriate lab clothing/footwear

Student Learning Outcomes:

- Identify and describe functions of male and female reproductive anatomy
- Detect estrus in sows/gilts and cows/heifers in standing heat
- Pass the cow's cervix and enter the uterus with an artificial insemination gun
- Develop an estrus synchronization program for cattle
- Illustrate effective semen handling techniques for proper insemination

TENTATIVE COURSE OUTLINE

<u>WEEK</u>	<u>TOPIC</u>
1	History of AI
2	Female Reproductive Anatomy
3	Male Reproductive Anatomy
4	**Exam 1**
5	Heat Detection & the Estrous Cycle
6	Estrus Synchronization
7	Semen Evaluation & Breeding Soundness
8	**Exam 2**
9	Embryo Transfer
10	Review

FINAL EXAM: Week 11, TBD

Grading Procedure: Your final grade in this course will be based on the following

		<u>Grading Scale:</u>
Quizzes (2)	50 points	A= 90 % of 400 total class points
Exams (2)	200 points	B= 80 % of 400 total class points
Lab participation	50 points	C= 70 % of 400 total class points
Final Exam	100 points	D= 60 % of 400 total class points
		F= less than 60% of 400 total class points

Course Guidelines:

1. Quizzes and exams will be announced and **will not** be taken late unless prior arrangements have been established with the instructor. The plan is to take quizzes and exams in class during lab times. If we do have an online quiz or exam, you will have a window of approximately 48 hours to take quizzes and exams. Quizzes and exams will have time limits.
2. **Students will be required to use their own transportation to travel to labs. Labs cannot be made up and no extra credit is offered.**
3. Please dress appropriately for all lab sessions, as the conditions will require it.
4. Incompletes will be given in the event a student completes the majority of the course work, but for some valid reason misses a portion of the class. Before an incomplete will be given, the student must sign a contract with the instructor stating how and when the work is to be made up. The awarding of an incomplete is at the discretion of the instructor.

You have until Friday 5pm of the seventh week (May 14, 2021) to drop a class without a grade penalty. If dropping this class puts you below 12 credits and you are on financial aid, you may lose your financial aid. If you fail to drop by May 14, 2021, you will receive a letter grade for this course.

LBCC is committed to inclusiveness and equal access to higher education. If you have approved accommodations through the Center for Accessibility Resources (CFAR) and would like to use your accommodations in the class, please talk to your instructor as soon as possible to discuss your needs. If you believe you may need accommodations but are not yet registered with CFAR, please visit the [CFAR Website](#) for steps on how to apply for services or call 541-917-4789.

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