

ARTIFICIAL INSEMINATION
SPRING 2022

Instructor: Clayton Weber
Office: WOH 127D
Hours: Email for appointment
Phone: 917-4768
E-mail: weberc@linnbenton.edu
Course #: ANS 227
Meets: Lecture: M 1-2:50 PM Lab W: 1-3:50 PM
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	No Class Monday, May 30 th , Memorial Day

FINAL EXAM: Monday, June 6th 1-2:50 PM

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

		Grading Scale:
Quizzes (2)	50 points	A= 90 % of the highest point total
Exams (2)	200 points	B= 80 % of the highest point total
Lab participation	100 points	C= 70 % of the highest point total
Final Exam	<u>100 points</u>	D= 60 % of the highest point total
Total	450 points	F= less than 60% of the highest point total

Course Guidelines:

1. Quizzes and exams **will be** announced and **will not** be taken late unless prior arrangements have been established with the instructor. If a make-up quiz or exam is not taken before the next class period, the quiz/exam score will drop one letter grade.
2. Being late is disrespectful & points will be deducted at the discretion of the instructor.
3. **Labs cannot be made up and extra credit will not be offered.**
4. Please dress appropriately for all lab sessions, as the conditions will require it.
5. 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 13, 2022) 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 13, 2022, 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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