**ARTIFICIAL INSEMINATION**

**SPRING 2019**

Instructor: Clayton Weber

Office: WOH 127D

Hours: MWF 11-11:50 am

Phone: 917-4768

E-mail: weberc@linnbenton.edu

Course #: ANS 227

Meets: Lecture M: 1-2:50 pm Lab W: 1-3:50pm

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**

WEEK TOPIC

1. Hand out syllabus, History of AI
2. Female Reproductive Anatomy
3. Male Reproductive Anatomy
4. **\*\*Exam 1\*\***
5. 5 Heat Detection & the Estrous Cycle
6. Estrus Synchronization
7. Semen Evaluation & Breeding Soundness
8. **\*\*Exam 2\*\***

9 **No class Monday, May 27th**

10 Embryo Transfer and Review

**FINAL EXAM: Wednesday, June 12th 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 grade in class

Exams (2) 200 points B= 80 % of the highest grade in class

Lab participation 100 points C= 70 % of the highest grade in class

Final Exam 150 points D= 60 % of the highest grade in class

 F= less than 60% of the highest grade in class

Grading Guidelines:

1. Final grade will be calculated on a curve, where the highest score will become the maximum point total.
2. Quizzes and exams will be announced and **will not** be taken late unless prior arrangements have been established with the instructor. Make-up quizzes and exams must be taken by the next class period or a deduction of one letter grade will be applied.
3. **5 pts will be deducted each time a student cell phone is noticeable during lecture.**
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 17, 2019) 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 17, 2019, 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](http://www.linnbenton.edu/cfar) for steps on how to apply for services or call 541-917-4789.

**LBCC Comprehensive Statement of Nondiscrimination**

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