



ANIMAL REPRODUCTION AGAH 1447 F2F

Course Syllabus: SPRING 2023

“Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed.”

Instructor: Chad Henry

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Office	Monday	Tuesday	Wednesday	Thursday	Friday	Online
Hours	7:30-8:00	7:30-8:00 1:00-4:30	7:30-8:00	7:30-8:00 9:30-11:00 1:00-4:00	By Appointment	By Appointment

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor/student responsibilities.

Information relative to the delivery of the content contained in this syllabus is subject to change. Should that happen, the student will be notified.

Course Description: Study of organs, functions, endocrinology, and common management practices related to reproduction.

Prerequisite(s): None

Student Learning Outcomes:

1. Students will be able to identify the organs and structures of the female and male reproductive system.
2. Students will understand the timing of the estrous cycle and gestation in the doe, ewe, mare, and cow.
3. Students will know advantages and disadvantages of artificial insemination.
4. Students will know the sources and functions of the major reproductive hormones.
5. Students will be able to identify ways to synchronize estrus in cattle.

Evaluation/Grading Policy:

Grades will be computed as follows:

Exams:	65%
Class Participation:	10%
Lab:	25%

The grading scale below will be used to determine your final grade.

Points	grade
90-100	A
80- 89	B
70- 79	C
60- 69	D
BELOW 59%	F

Class Participation:

Class participation is based on attendance, classroom discussion, and participation.

Lab:

Your lab grade will be based on participation, attendance, and being able to demonstrate proper techniques in artificial insemination, pregnancy diagnosis, and heat detection in cattle. Lab work may require suitable clothing for outdoor farm settings. Each student will be required to become BQA certified. Additional lab times (TBA) will be based on the timing of artificial insemination in the college farm herd, pregnancy palpation needs, and field trips with the collaboration among students, farm manager, and professor. Adequate notices will be given to the students during scheduled class times of labs. If a student is not able to attend a lab or labs, additional assignments will be required.

Required Instructional Materials: *Applied Animal Reproduction*, 6th Edition, H. Bearden and John Fuquay

Publisher: Prentice Hall Publishers

ISBN Number: 0-13-081976-X

Optional Instructional Materials: None

Minimum Technology Requirements: none

Required Computer Literacy Skills: none

Course Structure and Overview:

Class attendance is required. If you have more than three unexcused absences, you should consult with me about your grade. Anyone who wishes to withdraw from class must take the responsibility to formally drop with the Registrar; otherwise a failing grade will be given.

Communications: Email (NTCC email address) and Microsoft Teams will be the official class communication method

Institutional/Course Policy:

Class attendance is required. If you have more than three unexcused absences, you should consult with me about your grade. Anyone who wishes to withdraw from class must take the responsibility to formally drop with the Registrar; otherwise a failing grade will be given.

Alternate Operations During Campus Closure and/or Alternate Course Delivery Requirements

In the event of an emergency or announced campus closure due to a natural disaster or pandemic, it may be necessary for Northeast Texas Community College to move to altered operations. During this time, Northeast Texas Community College may opt to continue delivery of instruction through methods that include, but are not limited to, online through the Blackboard Learning Management System, online conferencing, email messaging, and/or an alternate schedule. It is the responsibility of the student to monitor NTCC's website (<http://www.ntcc.edu/>) for instructions about continuing courses remotely, Blackboard for each class for course-specific communication, and NTCC email for important general information.

Additionally, there may be instances where a course may not be able to be continued in the same delivery format as it originates (face-to-face, fully online, live remote, or hybrid). Should this be the case, every effort will be made to continue instruction in an alternative delivery format. Students will be informed of any changes of this nature through email messaging and/or the Blackboard course site.

NTCC Academic Honesty/Ethics Statement:

NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the student handbook for more information on these subjects.

ADA Statement:

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to request accommodations. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services and can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, please refer to the special populations page on the NTCC website.

Family Educational Rights and Privacy Act (FERPA):

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

Tentative Course Timeline (*note* instructor reserves the right to make adjustments to this timeline at any point in the term):

Week 1	Introduction and history
Week 2	Female reproductive system
Week 3	Male reproductive system
Week 4	Neuroendocrine regulators of reproduction
Week 5	Estrous cycle
Week 6	Spermatogenesis
Week 7	Ovogenesis
Week 8	Gestation
Week 9	Parturition
Week 10	Lactation
Week 11	Semen collection
Week 12	Semen Evaluation
Week 13	Insemination techniques
Week 14	Reproductive management
Week 15	Pregnancy diagnosis
Week 16	Nutritional management