

REPRODUCTION & ARTIFICIAL INSEMINATION OF DOMESTIC ANIMALS

AGR 375

May 10-21, 2004

8:00-4:30

A.B. Carter Building

Instructor: Dr. Bruce R. Pratt
Rm 4, Carter Building
622-2237 - Office
623-9268 - Home

Objectives:

1. To understand the basic anatomy and physiology of the reproductive process in the male and female domestic farm animals.
2. To gain hands on experience with artificial insemination in cattle.

Text:

None; KABA will supply you with a note book to be used in their training session on May 18, 19 & 20.

Examinations:

An examination will be given the mornings of May 11, 12, 13, 14 and 17th. Each exam will be worth 100 points.

A 200 point final exam will be given on Tuesday morning, May 18th. The final will consist of 100 points of new material and 100 points comprehensive.

Grading:

Final Grades will be determined by performance on the examinations (90%) and participation in laboratories (10%). Grades will be based on a 90/80/70 scale (\pm 2% depending on the natural break in the class grades).

Agriculture Department Attendance Policy

Students in Agriculture are required to attend all scheduled meetings of the classes for which they are enrolled. If a student has a legitimate reason to be absent (personal illness, critical illness or death in immediate family or participation in an approved University activity), they are expected to discuss it with his instructor prior to their anticipated absence and make arrangements for any make-up work that must be done. Completion of make-up work is the responsibility of the student. The instructor will judge the validity of the reason for an absence.

In case of an emergency of such nature that the above requirements cannot be met, the student should inform the instructor at the first opportunity after the student's return to the campus and he should present adequate and documented reasons. Absences in excess of 20 percent of a class will automatically result in a failing grade unless this be waived by the instructor and department chairman.

Students who have un-excused absences forfeit the right to do make-up work especially quizzes and exams given that day.

Enforcement of this policy is the responsibility of the instructor. Un-excused absences may be used as a factor in determining a grade for the course.

Last Day To Drop Course: May 14, 2004.

Synchronization Project: During the course we will be synchronizing a group of beef cattle using two different synchronization methods. The second week of class we will be taking turns observing for estrus at 6:30 AM and 8 PM. Students will be expected to participate in at least two heat detection periods.

Students with Disabilities

If there is any student in this class who is in need of academic accommodations and who is registered with the Office of Services for Students with Disabilities, please make an individual appointment with the course instructor to discuss accommodations. Upon individual request, this syllabus can be made available in alternative forms. If any student who is not registered with the Office of Services for Students with Disabilities has need of academic accommodations, please contact the Office directly either in person in the Student Services Building or by telephone at 622-1500.

Course Syllabus

<u>Date</u>	<u>Day</u>	8:00-12:00 <u>Lecture Topic</u>	1:00-3:30 <u>Laboratory</u>
5/10	Mon.	Course Introduction Male Anatomy & Physiology	Synchronization of Beef Cattle Castration of Pigs (Meadowbrook)
5/11	Tue.	Collection & Preservation of Semen	Boar Collection & AI in Swine Castration of Calves (Meadowbrook)
5/12	Wed.	Anatomy of the Female Reproductive System Detection of Estrus	Breeding Soundness Exam 1:30 PM - Central Madison Vet. Reproductive Tracts - Carter
5/13	Thur.	Endocrinology of Reproduction	Pregnancy Detection Cattle (Meadowbrook)
5/14	Fri.	Fertilization, Embryo development, pregnancy, parturition & postpartum period.	Field Trip to Gainsway (Lexington)
5/17	Mon.	Manipulation of Reproduction: Estrus Synchronization, Embryo Transfer & Induced Parturition	Synchronization of Estrus
5/18	Tue.	Final Exam 8:00 AM KABA - Select Sire's Training Program	Practice with Tracts AI Practice
5/19	Wed.	KABA - Select Sire's Training Program	AI Practice & Semen Handling
5/20	Thur.	KABA - Select Sire's Training Program; AI Practice & Semen Handling	Exam & Opportunity to order semen & supplies.
Leave at 4:30 for Field Trip to Plains City, Ohio			
5/21	Fri.	Tour Select Sire's Facilities Return to Richmond at 6:00 PM	Required Trip!