ANS 5312C

Applied Ruminant Reproductive Management

Instructor: Dr. Joel V. Yelich
Animal Sciences Building, Room 125h
Office Hours: Open or by appointment
Lecture: Tuesday, Thursday 10:40 - 12:00 PM (Period 4/5): Room 151 Animal Sciences Building
Lab: Tuesday 1:00 - 3:00 PM (Periods 6-7) & 3:00 – 5:00 PM (Periods 8-9): Room 151 Animal Sciences Building.

Course Description: Provide an in depth overview of applied bovine reproductive management and the factors that affect the efficiency of reproduction including managerial, biological, and economical.

Objectives:
1) Introduce the different components of ruminant reproductive management programs and discuss the underlying physiological mechanisms regulating these components with emphasis on beef cattle.
2) Introduce emerging reproductive technologies and discuss how these technologies can be incorporated into reproductive management programs in dairy and beef cattle.
3) Provide hands on experience performing reproductive management techniques with emphasis given to pregnancy diagnosis by rectal palpation and artificial insemination in dairy and beef cattle.
4) Integration of all the principles covered in class in solving reproductive management problems with an emphasis placed on economic and production efficiency in a beef and dairy operation.

Textbook: There is no required textbook for the course. Reading assignments will come from research and popular press articles, extension fact sheets, and book chapters.

Grading & Exams:
- Two-hour exams (100 pts each) 200 pts
- Final Written Exam (Cumulative) 200 pts
- Final Oral exam 100 pts
- Reproduction Plan (Plan 50 pts & Presentation 50 pts) 100 pts
- Lab participation (50 pts) & other assignments (100 pts) 150 pts
- Research paper (10 page maximum) or EDIS publication (Paper will be a review of the literature relative to Dairy or Beef Reproductive management. Whereas, EDIS publication will be a bovine reproductive management topic with producers as the target audience) 150 pts
- Total 900 pts

Letter grades will be awarded on a percentage scale:
- A ≥ 94
- A- 90 to < 94
- B+ ≥ 87 to < 90
- B 83 to < 87
- C+ ≥ 77 to < 80
- C 73 to < 77
- D+ ≥ 67 to < 70
- D 63 to < 67
- D- ≥ 60 to < 63
- E < 60

Information regarding University Policy on grade point equivalencies and calculation of grade points is located at the following Web address: (http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html).

Please note: This course is taught concomitant with ANS 4932, the undergraduate version of the course. The undergraduates will have different grading requirements than the graduate students. The undergraduates will not be required to take the final oral exam or write a research paper but they will be required to perform the remainder of the graded tasks as listed above.

Exams:
- Exam 1 October, 1 (Thursday in class)
- Exam 2 November, 5 (Thursday in class)
- Final Exam: December, 18 (Friday 7:30-9:30 AM)

All requests to be excused from an exam must be submitted in writing or email by the student regardless of the reason. Any exam or assignment missed for reasons other than those listed below will not be excused and a grade of zero will be recorded.

1) Absence for a university-approved field trip or activity (clear one week in advance).
2) Absence for death/serious illness in immediate family (verification by obituary).
3) Absence resulting from personal illness (verification consisting of a letter of explanation from hospital or doctor on official letterhead). Please review excuse note policy of the Student Health Care Center.
**Other Important Items**

**Important Dates:**
- Sept. 7 (Monday) — Labor day (No classes).
- Sept. 18 (Friday) — Deadline to withdraw and receive a 25% fee refund (W assigned).
- Nov. 6 (Friday) — Homecoming (No classes).
- Nov. 11 (Wednesday) — Veterans Day (No classes).
- Nov. 23 (Monday) — Deadline to withdraw without receiving failing grades.
- Nov. 25-28 (Wednesday - Friday) — Thanksgiving (no classes).
- Nov. 9 (Wednesday) — Deadline to drop a course by petition without receiving a WF.
- Nov. 23 (Monday) — Last Day of Classes.
- Dec. 12, 14-18 — Final Exams.

**Academic Honesty:**
As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.” You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.”

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: [http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php](http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php).

**Disability Issues:**
The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. 0001 Reid Hall, 392-8565, [www.dso.ufl.edu/drc/](http://www.dso.ufl.edu/drc/)

**Software Use:**
All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

**Campus Assistance:**
Students experiencing crises or personal problems that interfere with their general well being are encouraged to utilize the university’s counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- **University Counseling & Wellness Center**, 3190 Radio Road, 352-392-1575
  - Counseling Services
  - Outreach and Consultation
  - Training Programs
  - [www.counseling.ufl.edu/cwc/](http://www.counseling.ufl.edu/cwc/)
  - Groups and Workshops
  - Self-Help Library
  - Community Provider Database

- **Career Resource Center**, First Floor JWRU, 352-392-1601
  - [www.crc.ufl.edu/](http://www.crc.ufl.edu/)

If you are having problems comprehending lecture and (or) lab material or other academic, university, or personal issues that are affecting your academic performance, please feel free to visit with the instructors to address the problem(s). **Please do not wait until the end of the semester to address any difficulties you may be having.**
Reading List


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<th>Lecture Topic</th>
<th>Lab Location and Topic</th>
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The instructor reserves the right to modify any part of the lecture and (or) lab syllabus at his discretion. There may also be times during the semester when it is necessary to modify the lecture/lab schedule and (or) material being presented. At such time, the instructor will make the necessary announcements in lecture/lab and (or) by email.