

ANS 3250L - Dairy Cattle Practicum

section 4643 (class 10483)

Friday, 8-10th period (3:00 to 6:00 PM), location: see schedule, 2 credits

Real times 3:00 to 7:00 PM due to heavy traffic

Instructor

Dr. Albert De Vries, Room 100C in the Animal Science building. Office hours are Tuesday and Thursday 11:30 AM- 12:30 PM (the hour after the ANS3251 class), or when mutually convenient. The instructor decides in all cases not covered in this syllabus. Guest instructors will present some of the practicums. Email only through E-learning.



Teaching Assistant

Kelly Forbes. Office hours when mutually convenient. Email only through E-learning.

Course Description

Practical application of the principles of biology and management of dairy cattle. Topics: Milking procedures, cattle handling, records, computer applications in dairy production, body condition, lameness, hygiene scoring, genetics, feeding, farm visits. All hands-on topics are routine management practices on dairy farms.

Prerequisite

Coreq: ANS 3251 - Biology and Management of Dairy Cattle (section 4634). Students must be concurrently enrolled in ANS 3251 or have successfully completed ANS 3251 earlier.

Course Goals and Risks

Students will develop a hands-on understanding of the biology of dairy cattle and the interaction between biology and management as it relates to commercial dairy production. We will walk behind the cows in their manure. Students may get dirty and should bring rubber boots. Plastic boots will not be provided for everyone, except for farm visits.

We will be working with dairy young stock and cows, including touching and moving. Working with livestock is inherently risky. Many of these animals are capable (but not likely to) of injuring people, especially when they are in the fight or flight mode inspired by a stressful situation. The instructors will work to provide students with the ability to manage livestock with minimal stress, thus lowering the risk of injury to people and animals. Students are encouraged to complete Dairy Cattle Safety (ANS801 in MyUFL training) in the first week of class. The University of Florida is not liable for illness or injuries to students participating in coursework per University policy, students are required to purchase the

Student Health Insurance Plan or comparable coverage. See:

<http://healthcompliance.shcc.ufl.edu/insurance>

We will provide a van to drive from Animal Sciences to the Dairy Unit and Calf Unit (7 students maximum). Students are encouraged to drive their own vehicles to the Dairy Unit and Calf Unit. However, UF is not assuming any responsibility for accidents or damages to your vehicles associated with this practicum.

COVID Situation

We will strictly follow the UF guidelines, expectations, and requirements regarding the covid pandemic to make the course as safe as possible for everyone. See <https://coronavirus.ufl.edu/>

There is no UF requirement that an online option is provided. However, due to the possibility of students needing to quarantine, lectures will be recorded or made available, but only provided to students on an individual basis if they seek prior permission or provide adequate medical documentation. Students that have any questions or concerns are encouraged to contact the instructor.

Course materials will be provided to you as much as possible with an excused absence, and you will be given a reasonable amount of time to make up work. (Find more information in the university attendance policies: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>)

Class Attendance and Make-Up Work

This is a hands-on course and your physical participation is important for learning. Requirements for class attendance and make-up tests, and other work are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>. Class attendance from start to finish of each practicum is required. It is the student's responsibility to sign the attendance sheet at the start of each class. Notifications of missed signatures will be accepted until 11:59 PM of the day of the class. Every student is allowed to miss 1 class unexcused after the first week, except on days when tests are given, or when students give presentations. If a student misses (part of) a class, either excused or unexcused, the student is responsible for catching up on the material covered. Talk with your course mates or find the handouts on the course website. Use of cell phones is not allowed during class time unless we give you permission. These policies are in place to make learning as successful and pleasant as possible for everybody. Not attending class is also unfair to the students on the waiting list who would like to take this course. Exceptions to these rules are unlikely granted and should not be expected. But we are all human too.

Course Website and Communication

The course website is through <http://elearning.ufl.edu>. We will use the website primarily to post materials, grades, and for announcements. All electronic communication between students and instructors needs to occur through <http://elearning.ufl.edu>.

Text and Material Covered

No text is assigned. Students may be asked to read assigned readings and turn in assignments.

Grading (100% maximum)

- 40% Class participation and assignments. Students need to sign-in at the start of each practicum. Participation means being engaged during the entire class period and turn assignments in on time and of satisfactory quality. Every practicum is worth the same number of points. Unsatisfactory participation or unsatisfactory assignment may result in a loss of points. An unexcused missed practicum results a loss of 4% off the final class score.
- 20% Presentations: We plan to have 2 assignments that result in presentations. The first is a group assignment, the second is an individual assignment. Details will be provided.
- 40% Tests: Two non-cumulative tests will be given with short answer questions. Make up tests are only given in exceptional cases to be decided by the instructor.
- Scores can be appealed within 1 week of returning the grade. We will regrade the whole test. We will use the grade book in e-Learning to calculate final grades if possible.
- For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Grading Scale

A	≥93%	C	≥73% <77%
A-	≥90% <93%	C-	≥70% <73%
B+	≥87% <90%	D+	≥67% <70%
B	≥83% <87%	D	≥63% <67%
B-	≥80% <83%	D-	≥60% <63%
C+	≥77% <80%	E	<60%

Online Course Evaluation Process

Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at: <https://gatorevals.aa.ufl.edu/students/> . Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/> . Summaries of course evaluation results are available to students at: <https://gatorevals.aa.ufl.edu/public-results/>.

In-Class Recording

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students

may not publish recorded lectures without the written consent of the instructor. A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session. Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third-party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

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/process/student-conduct-honor-code> .

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.

Services for Students with Disabilities

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. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation. Information: 0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

Campus Helping Resources

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, www.counseling.ufl.edu/cwc/
 - Counseling Services, Groups and Workshops, Outreach and Consultation, Self-Help Library, Wellness Coaching.
- U Matter We Care, www.umatter.ufl.edu
- *Career Connections Center*, First Floor JWRU, 392-1601, <https://career.ufl.edu/> .
- Student Success Initiative, <http://studentsuccess.ufl.edu> .

Student Complaints:

- Residential Course: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>
- Online Course: <http://www.distance.ufl.edu/student-complaint-process>

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Real times 3:00 to 7:00 PM due to heavy traffic

The schedule may change during the semester. Check ELEARNING.UFL.EDU for the latest schedule

Week	Date	Day	Topic	Location	Instructor
1	1/7	F	Introduction / Dairy cattle safety	155	De Vries
2	1/14	F	Walk through and herd flow	DU	De Vries
3	1/21	F	Cow stockman ship	DU	De Vries
4	1/28	F	BCS, hygiene, locomotion, lesions scoring	DU	De Vries
5	2/4	F	Insert CIDR, give shots, draw blood	DU	Hansen
6	2/11	F	Calf and heifer management	CU	De Vries
7	2/18	F	Feeding evaluation	DU	De Vries
8	2/25	F	Health check	DU	UF vets
9	3/4	F	Virtual farm visit	155	De Vries
			<i>Spring Break, March 5-13</i>		
10	3/18	F	<i>No class due to FDDF</i>		
11	3/25	F	Facilities	DU	De Vries
12	4/1	F	Farm visit	TBA	De Vries
13	4/8	F	Dairy systems modeling	155	De Vries
14	4/15	F	Assignment 2 presentations	155	De Vries
	TBA		Milking practicum (TBA)	DU	De Vries
	TBA		Test 1 (time TBD)		
	4/28	R	Test 2 (7:30 AM-9:30 AM)		

Locations:

DU: IFAS Dairy Unit, van leaves Dairy Science building at 3 PM

CU: IFAS Calf Unit, van leaves Dairy Science building at 3 PM

155: classroom 155 in the Animal Science building

TBA: to be announced

Ride: van leaves from the parking lot in front of the Animal Science building at 3 PM