

## **ANS 3250L - Dairy Cattle Practicum (section 4643)**

Friday, 8-10<sup>th</sup> period (3:00 to 6:00 PM), classroom 201 (Larson Bldg.) or TBA, 2 credits

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

### **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 required 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. Students are allowed 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.

### **Instructors**

Dr. Albert De Vries, Room 104F in the Dairy 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.

Teaching Assistant: Michael Schmitt, Room 104B in the Dairy Science building. Office hours are Tuesday 11:30 AM - 12:30 PM or Thursday 2:30 - 3:30 PM, or when mutually convenient. Email only through E-learning.

### **Class Attendance**

This is a hands-on class 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. Every student is allowed to miss 1 classes unexcused, 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.

### **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**

- 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 10 points. Unsatisfactory participation or unsatisfactory assignment may result in a loss of points. An unexcused missed practicum results in 0 points.
- 10% Paper + presentation: Students are asked to write a paper on a dairy topic of their choice and give a brief presentation in class. Details will be provided.
- 50% 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.
- 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. These evaluations are conducted online at <https://evaluations.ufl.edu>. Evaluations are typically open for students to complete during the last two or three weeks of the semester; students will be notified of the specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

## 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.

## 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/](http://www.counseling.ufl.edu/cwc/)
  - Counseling Services, Groups and Workshops, Outreach and Consultation, Self-Help Library, Training Programs, Community Provider Database.
- U Matter We Care, [www.umatter.ufl.edu](http://www.umatter.ufl.edu)
- Career Resource Center, First Floor JWRU, 352-392-1601, [www.crc.ufl.edu](http://www.crc.ufl.edu)

### **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/](http://www.dso.ufl.edu/drc/)

ANS 3250L – Dairy Cattle Practicum – Friday 8-10<sup>th</sup> period (3:00 – 6:00 PM) – Spring 2019

Week	Date	Day	Topic	Location	Instructor
1	1/11	F	Introduction / Dairy Cattle Safety	201	De Vries
2	1/18	F	Walk through and herd flow	DU	De Vries
3	1/25	F	Cow stockman ship	DU	De Vries
4	2/1	F	Calf and heifer management	CU	De Vries
5	2/8	F	BCS, hygiene, locomotion, lesions scoring	DU	De Vries
6	2/15	F	Feeding evaluation	DU	De Vries
7	2/22	F	Insert CIDR, give shots, draw blood	DU	Hansen (MD)
8	3/1	F	Farm visit 1 (SWOT analysis)	Visit	De Vries
			<i>Spring break March 3-11, no classes</i>		
10	3/15	F	<b>Test 1</b>	201	Schmitt (NL)
11	3/22	F	(no class, FDDF)		(FDDF)
12	3/29	F	Facilities	DU	De Vries (DC)
13	4/5	F	Dairy systems modeling	201	De Vries
14	4/12	F	Farm visit 2 (SWOT analysis)	Visit	De Vries
15	4/19	F	Student presentations	201	De Vries / Schmitt
	TBA		Milking practicum (TBA)	DU	De Vries
	5/1	W	<b>Test 2</b> (12:30 PM to 2:30 PM)	TBA	De Vries

Locations:

201: Classroom 201, Dairy Science building

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

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

Visit: Dairy farm visit, van leaves Dairy Science building at 3 PM  
van 532