

ANEQ 473- Dairy Systems
Course Syllabus, Fall 2017

Meeting Times: Monday & Wednesday 9:00- 9:50 am (Lecture)
Friday 8:00- 10:50 am (Laboratory)

Location: Lecture- Shepardson 102
Laboratory- Clark C 364

Course Coordinator: I. Noa Román-Muñiz, DVM, MS
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Course Focus

The goal is to help you develop a working knowledge of dairy systems as well as to develop your problem-solving skills.

Reading Assignments

Although no textbook is required for this class, students will be required to read certain assigned journal articles throughout the semester. Handouts will be available on Canvas, or provided during class.

Exams and Quizzes

Two exams will be administered during the semester and a comprehensive final exam will be administered during finals week. Please, note that points may be taken off for grammatical errors on exams and quizzes and that, only students with excused absences will be able to make up exams or quizzes. Scientific names of species need to be spelled correctly. Partial points may be assigned at instructor's discretion. Be sure to follow instructions!

Homework and Papers

Homework will consist of a variety of writing assignments that may include assessing/discussing scientific literature, managing social media discussions, and commenting on current and emerging issues in the dairy industry. Details will be discussed later in the semester.

Oral Presentation

Please see handout for detail on oral presentations.

Laboratory

Some of the laboratories will be on local dairies. We will provide transportation. Be sure to be on time to the laboratory because of the limited time allotted.

*****Important:** be sure to have your own protective footwear when we visit dairies. It is recommended that you have a pair of clean rubber overshoes to wear at the facility. It is imperative that they are appropriately cleaned prior to visiting a dairy. Plastic disposable boots can be used but are not recommended.

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Academic Integrity

This course will adhere to the CSU Academic Integrity Policy as found in the General Catalog (<http://www.catalog.colostate.edu/FrontPDF/1.6POLICIES1112f.pdf>) and the Student Conduct Code (<http://www.conflictresolution.colostate.edu/conduct-code>). At a minimum, violations will result in a grading penalty in this course and a report to the Office of Conflict Resolution and Student Conduct Services.

All incidents of academic misconduct (e.g., cheating, plagiarism, unauthorized possession or distribution of academic materials, falsification, facilitation of cases of academic dishonesty, etc.) may result in a failing grade on the relevant assignment, exam or for the course.

Furthermore, all incidents of academic dishonesty will be reported to the Office of Conflict Resolution and Student Conduct Services.

Students sign assignments and tests to declare that the work was completed independently and without unauthorized aid. This represents student commitment to honorable and trustworthy behavior, in the spirit of the Honor Pledge. The course instructor will list items such as class and study group notes, review assignments, formula sheets, and (or) tests from previous courses that can be shared without violating academic integrity.

Student-Coordinator Communication

Emails should be identified with the course number (ANEQ 473) on the subject line. Please note that emails will not be answered over the weekend or overnight. If the matter you wish to discuss is urgent, please speak with the course coordinator before or after class, or during office hours.

Grading

<u>Assessment</u>	<u>Possible total points</u>
Exam I	100
Exam II	100
Final Exam	100
Homework/Papers/Quizzes	150
Oral Presentation	50

<u>Percentage</u>	<u>Points</u>	<u>Grade</u>
90% +	450-500	A
80- 89.99%	400-449.9	B
70- 79.99%	350-399.9	C
60- 69.99%	300-349.9	D
0-59.99%	0-299.9	F

Additional Items to Discuss

Cell phones need to be silenced when you enter the classroom.

Any student disrupting class may be asked to leave the classroom.

Under no circumstance, will cell phones, tablets or computers be allowed during exams.

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Topics to be covered by week:
(Topics and dates may be subject to change)

Week	Topic
1	Introduction and Overview of the Dairy Industry
Lab	Nutrition Review
2	Nutrition and Nutritional Management
Lab	Nutritional Management and Dairy Topics Discussion
3	Reproduction and Reproductive Management
Lab	Dairy Visit- La Luna
4	Reproduction and Reproductive Management
Lab	Reproductive Management
5	Calves and Replacements
Lab	Calf rearing and colostrum management
6	Calves and Replacements
	Exam 1
7	Lactation and Milking Systems
Lab	Dairy Visit- AOD
8	Mastitis and Milk Quality
Lab	Mastitis and Milk Quality
9	Health and Welfare
Lab	Dairy Visit- Hirsch
10	Housing and Comfort
Lab	Dairy Visit- Mountain View
11	HR Management
	Exam 2
12	Milk and Dairy Beef Quality Assurance
Lab	Milk Marketing
13	Enterprise Budget, Manure Management, Environmental Impact
Lab	Product Tasting
14	Fall Break
15	Public Perception /Public Health
	Genomics and Records
16	Student Presentations
	Student Presentations
	Final Exam