

ASCI 250: Animal Management (Spring, 2023)

Instructor: Dr. Bryan Reiling, C204a Animal Science, 472-8960 (office), breiling2@unl.edu

Office Hours; Dr. Reiling: I do not maintain regular office hours. Instead, I place the majority of my "free office time" on the Student Success Hub so you may "self-schedule" appointments, as needed. If you don't see a time that works with your schedule, send an e-mail providing 2-3 times that work for you. When received, I'll try to identify a time that also works for me and send you an email confirmation. I will also attempt to be present for a few minutes immediately prior to class, and I'll "hang around" for as long as needed immediately after class. Bottom-line, if you have questions/concerns regarding this class or other factors that may contribute to your future and academic success, we can find a time to visit. I want to help you succeed!

Class Times/Location: Lecture: MWF, 11:00 am (B101 Animal Science)

Textbook: No textbook required.

Reference: Canvas: my.unl.edu - Outlines of lecture material, reference material, & review questions
- Announcements, grade checks, etc.

Educational Objectives - Upon completion of course, students should be able to do each of the following:

1. Outline the basic management of beef cattle, dairy cattle, poultry, and swine.
2. Describe how biological principles of animal production influence animal management decisions.
3. Study managerial problems and provide feasible solutions given specific resource limitations.
4. Within each livestock industry, explain how the principles of business, nutrition, reproduction, breeding, herd health, and marketing are interrelated.

Grading:

Grade Points and Percentages

| | <u>Points</u> | <u>% of Total</u> |
|---|----------------------|-------------------|
| Daily Points (1 st 25 pts within each unit = 100 pts total)..... | 125 pts..... | 14.2% |
| Syllabus/Respondus Lockdown Quiz, Due Fri, 2/10 (before 1 st exam) | 5 pts..... | 0.6% |
| Online Quiz 1 (Dairy 1), Due 11:59 pm, Wed, 2/1 | 25 pts..... | 2.8% |
| Online Quiz 2 (Dairy 2), Due 11:59 pm, Wed, 2/8 | 25 pts..... | 2.8% |
| Exam 1 (Dairy), Due 11:59 pm, Wed, 2/15 | 100 pts..... | 11.4% |
| Online Quiz 3 (Swine 1), Due 11:59 pm, Tuesday, 2/22 | 25 pts..... | 2.8% |
| Online Quiz 4 (Swine 2), Due 11:59 pm, Wed, 3/1..... | 25 pts..... | 2.8% |
| Exam 2 (Swine), Due 11:59 pm, Wed, 3/8 | 100 pts..... | 11.4% |
| Online Quiz 5 (Poultry 1), Due 11:59 pm, Wed, 3/22 | 25 pts..... | 2.8% |
| Online Quiz 6 (Poultry 2), Due 11:59 pm, Wed, 3/29..... | 25 pts..... | 2.8% |
| Exam 3 (Poultry), Due 11:59 pm, Wed, 4/5 | 100 pts..... | 11.4% |
| Online Quiz 7 (Beef Cow/calf 1) Due 11:59 pm, Wed, 4/12..... | 25 pts..... | 2.8% |
| Online Quiz 8 (Beef Cow/calf 2), Due 11:59 pm, Wed, 4/19 | 25 pts..... | 2.8% |
| Exam 4 (Beef Cow/calf), Due 11:59 pm, Wed, 4/26 | 100 pts..... | 11.4% |
| Online Quiz 9 (Beef Stocker/Feeder 1), Due 11:59 pm, Wed, 5/3..... | 25 pts..... | 2.8% |
| Online Quiz 10 (Beef Stocker/Feedlot 2), Due 11:59 pm, Wed, 5/10 | 25 pts..... | 2.8% |
| Exam 5 (Beef Stocker/Feedlot), Due 11:59 pm, Wed, 5/17..... | <u>100 pts</u> | <u>11.4%</u> |
| Total Points..... | 880 pts..... | 100% |

Explanations of Basic Grading Components

Species Management Exams

- There will be five (5) species-specific regular exams (100 pts each).
- Exams will be completed online, through Canvas, utilizing Respondus Lockdown. A webcam is REQUIRED to open and complete all exams. If you do not have and cannot afford a webcam, visit with Dr. Reiling (they are relatively inexpensive). You will also need your photo ID. Finally, a quiet place to take the exam with a strong internet connection is highly recommended.
- Exams may be taken only ONCE with a maximum of 1 hour to complete the exam.
- Exams will come available on Monday at 12:00 pm and are DUE to be completed by 11:59 pm of the following Wednesday (see schedule). However, exams will remain available for two additional days, but a 10% late penalty will be assessed for each day late. If not completed by 11:59 pm on Friday, the exam will go offline and a zero shall be assigned (barring significant extenuating circumstances).
- Most exam questions will be multiple-choice, but not necessarily all.
- Questions will be shown one at a time, and you must answer each question before moving forward.
- Examination material may be pulled from any provided resource including recorded lectures, in-class discussions, and other materials provided in-class or via Canvas (i.e., extension publications, video clips, other resources, etc.). Even if material is not specifically addressed during class, if provided, the material is "fair game" for testing purposes.
- Grading appeals. If you answered a question wrong but believe your answer is justified, you may submit a written appeal (via email) detailing why you should be given credit for the answer. You must provide evidence supporting your answer and outline an associated convincing argument for the case. You have 1 week, after scheduled exam due date to submit your appeal. Thereafter, all scores are final.

On-line Quizzes

- There will be two on-line quizzes (conducted via Canvas) associated with each species unit.
- Quizzes will come available on Monday at 12:00 pm and are DUE to be completed by 11:59 pm of the following Wednesday (see schedule). However, quizzes will remain available for two additional days, but a 10% late penalty will be assessed for each day late. If not completed by 11:59 pm on Friday, the quiz will go offline and a zero shall be assigned (barring significant extenuating circumstances).
- You may take each quiz 3X, and the highest of your 3 scores will be recorded.
- Questions will be shown one at a time, and you must answer each question before moving forward.
- Grading appeals. See grading appeals under Species Management Exams.

Daily Points

- Active learning quiz questions &/or opinion polls will be administered during lecture, nearly every day.
- When administered, Daily "quizzes" &/or opinion polls will be worth up to 5 pts.
 - Participation (even if you answer everything wrong) will be worth at least 1 point/day.
 - Performance (answering review questions correctly) will be worth 1-4 points/day.
- However, only the 1st 25 points accumulated within each unit will count towards your grade.
125 daily points total; 5 units * 25 daily pts available for each = 125 points.
- Effectively, nearly half of the available daily points within each unit will be dropped.
There will be NO MAKEUPS.
- With regular attendance (in class or via zoom), everyone SHOULD accumulate all 125 points that will contribute directly to your overall grade.
- Points earned above 125 may contribute to extra credit (see explanation on extra credit).

Extra Credit -

- ✓ A maximum of 20 extra credit points (~2.2% of total points) may be earned throughout the semester.
- ✓ These extra credit points will be added to the student's total; not to the class total.
- ✓ How can I earn these extra credit points?
 - ASCI 250 Pre-Test (5 pts EC; complete by Friday, 1/21)
 - Extra Daily Points.
 - For every 20 additional points accumulated above 125 (the points that contribute directly towards grade determination), you will earn 2 extra credit points, up to a maximum of 10 extra credit points via the following scale:
 - 145-164 daily pts = 2 EC pts,
 - 165-184 daily pts = 4 EC pts,
 - 185-204 daily pts = 6 EC pts,
 - 205+ daily pts = 8 EC pts.
 - For seminars that have an Animal Science or agricultural connection, you may earn up to 5 pts extra credit for your attendance and reflection. A reflection paper does not simply reiterate the seminar. Rather, I want you to provide your reflection -- your thoughts. Did you agree/disagree, why or why not? If the speaker provided suggestions, were they feasible. What do you think should be done? How might this issue affect your future livelihood? Etc., Etc. For credit, reflection reports (1 page, 1-inch margins, 12-pt Times New Roman font, single spaced) must be turned in by the end of the week following the seminar. ONLY hard copy reports, turned in before or after class will be accepted for potential extra credit.
 - Other Opportunities
 - Assist with FFA Livestock Mgmt CDE - Thursday, March 30
 - Assist with FFA Livestock Selection CDE - Friday, March 31
 - Occasionally, students may be notified of other opportunities to earn extra credit to encourage participation in various departmental, college, or university activities.
 - Once extra credit opportunities have come and gone, they are gone.

Guaranteed Grading Scale: The following overall course percentages represent guaranteed grade values.

| | | |
|----------------------------|---------|----------|
| A+ = Instructor Discretion | 92% = A | 89% = A- |
| 86% = B+ | 82% = B | 79% = B- |
| 76% = C+ | 72% = C | 69% = C- |
| 66% = D+ | 62% = D | 59% = D- |

Are you looking for **ways to increase your academic success** either in this class or others? The First-Year Experience & Transition Programs (FYE&TP) office can help! The FYE&TP academic success coaches and weekly workshops support all UNL students with topics like time management, overcoming procrastination, and successful test-taking strategies. Schedule a coaching session on MyPLAN or call at 402-472-1880. Helpful resources can also be found on the FYE&TP website at <http://success.unl.edu>.

| Mod | Topic | Module Available Date | Assignments / Quizzes / Exams | | | | |
|-----|---------------------------------|-----------------------|-------------------------------|---------------------------|----------|--------|--------|
| | | | Item | 1 st Available | Due Date | Repeat | Points |
| 1 | Dairy Management | Thurs, 1/19 | Dairy Quiz 1 | M, 1/30 | W, 2/1 | 3X | 25 |
| | | | Dairy Quiz 2 | M, 2/6 | W, 2/8 | 3X | 25 |
| | | | Dairy Exam | M, 2/13 | W, 2/15 | No | 100 |
| 2 | Swine Management | Mon, 2/6 | Poultry Quiz 1 | M, 2/20 | W, 2/22 | 3X | 25 |
| | | | Poultry Quiz 2 | M, 2/27 | W, 3/1 | 3X | 25 |
| | | | Poultry Exam | M, 3/6 | W, 3/8 | No | 100 |
| 3 | Poultry Management | Mon, 2/27 | Swine Quiz 1 | M, 3/20 | W, 3/22 | 3X | 25 |
| | | | Swine Quiz 2 | M, 3/27 | W, 3/29 | 3X | 25 |
| | | | Swine Exam | M, 4/3 | W, 4/5 | No | 100 |
| 4 | Beef Cow/calf Management | Mon, 3/27 | Beef Cow/calf Quiz 1 | M, 4/10 | W, 4/12 | 3X | 25 |
| | | | Beef Cow/calf Quiz 2 | M, 4/17 | W, 4/19 | 3X | 25 |
| | | | Beef Cow/calf Exam | M, 4/24 | W, 4/26 | No | 100 |
| 5 | Beef Stocker/Feedlot Management | Wed, 4/17 | Beef Stocker/Feedlot Quiz 1 | M, 5/1 | W, 5/3 | 3X | 25 |
| | | | Beef Stocker/Feedlot Quiz 2 | M, 5/8 | W, 5/10 | 3X | 25 |
| | | | Beef Stocker/Feedlot Exam | F, 5/12 | W, 5/17 | No | 100 |

ASCI 250 - Course Schedule (face-to-face)

| Day, Date | Topic |
|------------|---|
| Mon., 1/23 | Dairy |
| Wed., 1/25 | Dairy |
| Fri., 1/27 | Dairy |
| Mon, 1/30 | Dairy - Quiz 1 (Dairy 1) available; Due 11:59 pm, W, 2/1 |
| Wed, 2/1 | Dairy |
| Fri, 2/3 | Dairy |
| Mon, 2/6 | Dairy - Quiz 2, (Dairy 2) available; Due 11:59 pm, W, 2/8 |
| Wed, 2/8 | Dairy |
| Fri, 2/10 | Dairy |
| Mon, 2/13 | Exam 1 (Dairy) available; Due 11:59 pm, W, 2/15 Swine |
| Wed, 2/15 | Swine |
| Fri, 2/17 | Swine |
| Mon, 2/20 | Swine - Quiz 3 (Swine 1) available; Due 11:59 pm, W, 2/22 |
| Wed, 2/22 | Swine |
| Fri, 2/24 | Swine |
| Mon, 2/27 | Swine - Quiz 4 (Swine 2) available; Due 11:59 pm, W, 3/1 |
| Wed, 3/1 | Swine |
| Fri, 3/3 | Swine |
| Mon, 3/6 | Exam 2 (Swine) available; Due 11:59 pm, W, 3/8 Poultry |

| Day, Date | Topic |
|-----------|--|
| Wed, 3/8 | Poultry |
| Fri, 3/10 | Poultry |
| Mon, 3/13 | Spring Break - No Class |
| Wed, 3/15 | Spring Break - No Class |
| Fri, 3/17 | Spring Break - No Class |
| Mon, 3/20 | Poultry - Quiz 5 (Poultry 1) available; Due 11:59 pm, W, 3/22 |
| Wed, 3/22 | Poultry |
| Fri, 3/24 | Poultry |
| Mon, 3/27 | Poultry - Quiz 6 (Poultry 2) available; Due 11:59 pm, W, 3/29 |
| Wed, 3/29 | Poultry |
| Fri, 3/31 | FFA CDE Contests - No Class |
| Mon, 4/3 | Exam 3 (Poultry) available; Due 11:59 pm, 4/5 Beef Cow/calf |
| Wed, 4/5 | Beef Cow/calf |
| Fri, 4/7 | Beef Cow/calf |
| Mon, 4/10 | Beef Cow/calf - Quiz 7 (Beef Cow/calf 1) available; Due 11:59 pm, W, 4/12 |
| Wed, 4/12 | Beef Cow/calf |
| Fri, 4/14 | Beef Cow/calf |
| Mon, 4/17 | Beef Cow/calf - Quiz 8 (Beef Cow/calf 2) available; Due 11:59 pm, W, 4/19 |
| Wed, 4/19 | Beef Cow/calf |
| Fri, 4/21 | Beef Cow/calf |
| Mon, 4/24 | Beef Cow/calf -- Exam 4 (Beef Cow/calf) available; Due 11:59 pm, W, 4/26 |
| Wed, 4/26 | Beef Stocker/Feedlot |
| Fri, 4/28 | Beef Stocker/Feedlot |
| Mon, 5/1 | Beef Stocker/Feedlot - Quiz 9 (Beef Stocker/Feedlot 1) available; Due 11:59 pm, W, 5/3 |
| Wed, 5/3 | Beef Stocker/Feedlot |
| Fri, 5/5 | Beef Stocker/Feedlot |
| Mon, 5/8 | Beef Stocker/Feedlot - Quiz 10 (Beef Stocker/Feedlot 2) available; Due 11:59 pm, W, 5/10 |
| Wed, 5/10 | Beef Stocker/Feedlot |
| Fri, 5/12 | Beef Stocker/Feedlot - Exam 5 (Beef Stocker/Feedlot) available; Due 11:59 pm, W, 5/11 |

In-class Review/Discussion Recordings: Although we're starting to get back to normal, and my preference would be for everyone to be in class, I fully understand that some individuals may still prefer a remote learning option to reduce the risk of infection. To accommodate, all in-class reviews/discussions will be accessible in "real time" via Zoom (<https://unl.zoom.us/j/960679067>). Passcode = 514230. These sessions will also be recorded and posted to Canvas within 24 hours after class for your review **provided combined attendance (in-person and via zoom) does NOT drop below 80% for more than 2 consecutive days.** These will be posted in the various modules under a page titled "_____ : In-class Recordings". Recorded lectures are transcribed electronically (closed captioning) by Zoom, however, electronic transcriptions are NOT always 100% correct. If there is discrepancy, it is the verbal transmission upon which you should focus.

Additional Policies and Supplementary Information

Cellular Phones: It is recognized that cell phones and other electronic devices are an important tool for our daily lives. I recognize you may get a text, for which you feel compelled to immediately respond; not a problem, but don't let it supersede the primary purpose of your presence in this classroom. If it is of critical importance, take it outside and deal with the situation, sometimes things happen. However, it's also been proven that "your texting" can be disruptive to those around you. Thus, continual texting, game playing, etc., will not be tolerated. At first, you may be asked politely to put the phone (or other electronic device) away. If your texting, game-playing, web-surfing, etc., continues, you may "not so politely" ☹ be asked to leave. Be courteous and respectful of those around you who are here to learn. In addition, because it needs to be stated in the syllabus, if you are asked to leave because of your texting (&/or other activities on various electronic devices), **I reserve the right to implement a 10-point deduction or penalty on your next exam!** Now, perhaps you're expecting to receive an "important" message or phone call (believe me, I've had students buy a heifer through an online sale during class). **Let Dr. Reiling know prior to class.** Then, if the call/text comes, simply take it outside, conduct your business, and return when you're ready ☺.

University of Nebraska, Animal Science – General Class Policies

Instructional Continuity Plans: If in-person classes are cancelled by the University, you will be notified of the instructional continuity plan for this class with an announcement posted to Canvas. It is recommended that Canvas be set-up to automatically forward announcements to you, via email or text.

Grading Appeals: A student who feels that he/she has been unfairly graded must ordinarily take the following sequential steps in a timely manner, usually by initiating the appeal within the first 3 weeks of the semester following the awarding of the grade:

- 1) Student should schedule a meeting with the course instructor to discuss the issue. Most concerns are resolved at this point.
- 2) If student is not satisfied with results of the instructor meeting, a written appeal may be submitted to the ASCI Undergraduate Coordinator who will then forward that appeal to the Animal Science Undergraduate Curriculum Committee. The committee decision will be forwarded, in writing or via email, to the student by the ASCI Undergraduate Coordinator with instructor copied.
- 3) If student is not satisfied with the committee decision, he/she may meet with the instructor's unit administrator (ASCI Department Head) to discuss the situation.
- 4) If the concern is not resolved at the departmental level, the final step is to submit a grade appeal to the CASNR Dean by contacting the Dean's Office, 103 Agriculture Hall. Notification to the Dean must be in writing and will include in the notice a statement of the grounds of appeal. Both the student and the instructor will be given an opportunity to present materials to the Dean in the presence of each other.

Photography and Videography in Areas with Animals: Contact between visitors (including students) to the University and animals used in research and teaching can constitute both a positive learning experience for the visitors, and a health risk to the animals and visitors. The following policy is intended to ensure a minimally disruptive environment to resident animals, to protect the health of research and teaching animals, to protect confidentiality and integrity of research, and to help in the accurate representation of the University's policies and procedures.

- 1) **Use of recording devices** such as cameras, video recorders, tape recorders, camera phones, etc. in a secured animal facility **must receive prior approval** from the Department Head, IACP Attending and/or Clinical Veterinarian, or the IACUC Compliance Coordinator, with the following exceptions.
 - a. When performed by authorized PI or designee when required for scientific or publicity reasons, when due consideration is given to ensuring that the University of Nebraska is accurately represented.
 - b. When performed by authorized personnel when required to assist in clinical diagnosis of disease.
 - c. When performed by authorized personnel when required to document compliance or animal handling issues at the direction of University officials, IACUCs, veterinarians, and representatives of federal agencies
- 2) This requirement is waived for government inspectors, and other visitors present at the request or as a requirement of the University (e.g., AAALAC site visitors, IACUC members, Laboratory Animal Veterinarians).
- 3) All approved recording procedures have been documented in the Animal Use Protocol on file for this course.

- 4) All visitors must abide by individual facility Standard Operating Procedures pertaining to protective clothing, TB testing, etc. If protective clothing is required for any particular activity conducted within this course, students will be notified of such needs (i.e., hard-soled shoes, etc.), or such protective gear will be provided (i.e., frocks and hard hats in the meat lab, etc.).
- 5) Every effort should be made to show appropriate and accurate context when audio or visual recordings are made (i.e., if an animal is anesthetized or sedated, include the vaporizer or tray holding the bottle of injectable drug).
- 6) The IACUC reserves the right to review any and all pictures and video recordings, tape recordings, or camera (film or digital) images before release, and may require that these images/recordings be destroyed.

University-wide Course Policies and Resources (<http://go.unl.edu/coursepolicies>).

Academic Honesty: Students are expected to adhere to guidelines concerning academic dishonesty outlined in Section II (<https://studentconduct.unl.edu/student-code-conduct#sectionii>) of the UNL Student Code of Conduct. Students are encouraged to contact the instructor for clarification of these guidelines if they have questions or concerns. Academic dishonesty may involve cheating; fabrication or falsification of information; plagiarism, including copying of written materials or "cutting and pasting" from websites without proper referencing; destroying, defacing, stealing, or making inaccessible library or other academic resource material; complicity in the academic dishonesty of others; falsifying grade reports; or misrepresenting illness, injury, accident, etc., to avoid or delay an examination or the timely submission of academic work. Consequences of academic dishonesty in Animal Science courses, depending upon degree of severity as interpreted by the instructor, may range from a warning to receipt of an "F" for the course. The instructor may also choose to assign a zero or partial credit for a specific assignment, quiz, examination, or laboratory report in which dishonesty was involved. If a student facing sanctions due to academic dishonesty in an Animal Science course wishes to appeal such a sanction, the following process must be followed. First a written appeal is submitted by the student to the chief instructor of the course. If resolution is not obtained, the student may submit a written appeal to the Animal Science Department Head who will forward the matter to the Animal Science Curriculum Committee. If a satisfactory solution is still not achieved at the departmental level, the student may then appeal through the CASNR Dean's Office and the University Director of Student Judicial Affairs, in that order and subject to the processes and requirements of those offices.

Emergency Responses (<https://emergency.unl.edu/>)

- 1) **Fire Alarm (or other evacuation):** In the event of a fire alarm, gather belongings (purse, keys, cellphone, N-card, etc.), and use the nearest exit to leave the building. Do not use the elevators. After exiting, notify emergency personnel of the location of persons unable to exit the building. Do not return to the building, unless told to do so by emergency personnel.
- 2) **Tornado Warning:** When sirens sound, move to the lowest interior area of the building or designated shelter. Stay away from windows and stay near an inside wall when possible.
- 3) **Active Shooter:**
 - a. **Evacuate** – If there is a safe escape path, leave belongings behind, keep hands visible and follow police officer instructions.
 - b. **Hide out** – If evaluation is impossible, secure yourself in your space by turning out lights, closing blinds, and barricading doors, if possible.
 - c. **Take action** – As a last resort, and only when your life is in imminent danger, attempt to disrupt and/or incapacitate the active shooter.
- 4) **UNL Alert:** Notifications about serious incidents on campus are sent via text message, email, unl.edu website, and social media. For more information, go to <http://unlalert.unl.edu>.
- 5) **Additional Emergency Procedures** can be found at ...
 - a. <https://emergency.unl.edu/>.

Disability Clause: The University strives to make all learning experiences as accessible as possible. If you anticipate or experience barriers based on your disability (including mental health, chronic or temporary medical conditions), please let me know immediately so that we can discuss options privately. To establish reasonable accommodations, I may request that you register with Services for Students with Disabilities (SSD). If you are eligible for services and register with their office, make arrangements with me as soon as possible to discuss your accommodations so they can be implemented in a timely manner. SSD contact information: 117 Louise Pound Hall Bldg., 402-472-3787.

Mental Health and Well-being Resources: UNL offers a variety of options to students to aid them in dealing with stress and adversity. Counseling and Psychological & Services (CAPS) is a multidisciplinary team of psychologists and counselors that works collaboratively with Nebraska students to help them explore their feelings and thoughts and learn helpful ways to improve their mental, psychological and emotional well-being issues arise. CAPS can be reached by calling 402-472-7450. Big Red

Resilience & Well-Being provides one-on-one well-being coaching to any student who wants to enhance their well-being. Trained well-being coaches help students create and be grateful for positive experiences, practice resilience and self-compassion, and find support as they need it. BRRWB can be reached by calling 402-472-8770.

Face Coverings: We do not know everyone's individual situation, and we should fully respect everyone's right to wear a face covering to protect themselves from communicable diseases including COVID-19. Face coverings will only be required, if mandated by upper administration in efforts to protect the general and University community.

We, the members of the University of Nebraska community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.