

## **ANSC 114: INTRODUCTION TO ANIMAL SCIENCE**

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### **COURSE SYLLABUS**

#### ***COURSE INFORMATION***

**ANSC 114: Introduction to Animal Science (10918), 3 credits, ONLINE**

**Course Description:** An introduction to the general fundamentals of livestock management and industry practices in food/farm animal production. Class room lecture is to be complimented by the accompanying labs, which will provide hands on tours of livestock operations to enhance student knowledge of livestock production.

#### ***INSTRUCTOR***

Emily Casner

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Phone: 701-774-4278

Office: Stevens Hall 105B

Office Hours: By Appointment

#### ***TEXTBOOK & MATERIALS***

Scientific Farm Animal Production: An Introduction, 12<sup>th</sup> Edition - Taylor & Field  
ISBN 9780135187333

#### ***STUDENT LEARNING OUTCOMES***

##### **INSTITUTIONAL OUTCOMES**

- 1.) Students will demonstrate effective communication skills.
- 2.) Students will use reasoning skills to analyze and solve problems.
- 3.) Students will demonstrate knowledge of diverse cultures and value systems.
- 4.) Students will apply health-related knowledge to promote physical and mental well-being.

##### **PROGRAM OUTCOMES**

- 1.) Demonstrate effective oral and written communication.
- 2.) Demonstrate problem solving strategies within the agriculture industry.
- 3.) Identify agricultural needs within society.
- 4.) Identify how agriculture affects personal and community health.

## **COURSE OUTCOMES**

- 1.) Describe management practices that are applicable to the livestock industry.
- 2.) Explain the impact animals have on humans and the environment.
- 3.) Evaluate livestock and livestock products using visual observation and performance data.

## **ASSESSMENT TASKS (FOR COURSE OUTCOMES)**

- 1.) Complete textbook readings, questions, and problems demonstrating mastery of both concepts and process skills.
- 2.) Complete examinations demonstrating mastery of both concepts and process skills.

## **PROCESS SKILLS**

- Human and animal dependence
- Hot topics in the animal industry
- Importance of red meat production
- Identification of importance factors in carcass evaluation
- Visual importance of livestock structure and correctness
- Livestock handling and equipment
- Injection sites and administration of drugs
- Identification of common livestock breeds

## **CONCEPTS & ISSUES**

- Animal Contributions
- Current Animal Related Issues
- Red Meats and Animal By-Products
- Evaluation
- Reproduction
- Feeds and Nutrition
- Animal Behavior
- Animal Health
- Breeds of Livestock
- Management Systems

## ***ASSESSMENT PORTFOLIO***

Each degree seeking student is required to maintain an assessment portfolio on Blackboard for his/her time at Williston State College. For this class you should include evidence of completing institutional learning outcomes of what you learned in this class.

## ***GRADING SYSTEM***

<b>Required Assignments</b>	<b>Points</b>	<b>Percentage (%)</b>
Tests (2): 1 Midterm and 1 Final	150 x 2 = 300	20
Quizzes (4)	75 x 4 = 300	20
Discussion Boards (10)	25 x 10 = 250	17
Papers (4)	50 x 4 = 200	13
Lab-Based Assignments (6)	50 x 6 = 300	20
Final Project	150	10
<b>Total</b>	1500	100

**\*\*\*Bonus points will be awarded throughout the semester.**

## ***GRADING BASIS***

<b>Letter</b>	<b>Percent</b>
A	=>90
B	=>80
C	=>70
D	=>60
F	<60

## ***ASSIGNMENT DESCRIPTION***

- Only two tests will be given throughout the semester, a midterm and a final; they will be comprehensive and given in an online format.
  - **Failure to complete the final exam will result in an “F” for a final grade in the course.**
- The four quizzes will only cover current material, and will not be comprehensive.
  - **Tests/quizzes must be completed by the due date, or a “0%” will be given. Arrangements must be made TWO DAYS prior to when the test/quiz is given in order to make up test/quiz beforehand. You will not be allowed to take the test after the due date – NO EXCEPTIONS.**
  - **Taking tests/quizzes with other classmates is unacceptable and considered cheating. If students’ test/quiz times overlap or similar answers are given, a “0%” will be received with no option to retake.**
- Four two-page papers and six online, lab-based assignments will be assigned throughout the semester.
- A weekly discussion post, of at least 150 words will be due every Thursday. By Saturday, you must respond to one classmate’s post with two solid points.
  - Key Point: In your first introductory discussion post on Blackboard write “I read the entire syllabus for ANSC 114, including the key point.” If you do not write this in your first discussion post, you will only receive half-credit.
- All assignments/lab reports are to be turned in on Blackboard by the due date.

- **All assignments are due one week after assigned. For each business day assignments are late, 20% will be deducted until the grades reaches 0%.**
- One species/breed final project will be ongoing throughout the semester.
- More detailed guidance and rubrics will be provided for each of the assignments.

### **ACCESSIBILITY STATEMENT**

Williston State College is committed to providing equal access to students. If you have a disability which may impact your performance, attendance, or grades in this course that requires accommodations, you must first register with the WSC Accessibility Support Office. Please note that classroom accommodations cannot be provided until your instructors receive an Accommodations Form, signed by you and the Accessibility Support Office.

### **IMPORTANT DATES**

- **Last day to drop: 9-2-2020**
- **Last day to withdraw (with W): 11-13-2020**
- For important dates concerning holidays, last date to withdraw from class, etc., please visit the WSC catalog available on the website: [www.willistonstate.edu](http://www.willistonstate.edu).

### **ACADEMIC RESOURCES**

Take advantage of academic resources available to you at Williston State College:

- **Communication Lab:** Supplemental instruction is provided to assist students who are either having difficulty or desiring extra help with specific subjects. The Communication Lab assists with composition, writing, communication, and public speaking. The Communication Lab is located in Stevens Hall 120. Students should make appointments at [wsc.writinglab@willistonstate.edu](mailto:wsc.writinglab@willistonstate.edu).
- **Math Lab:** Supplemental instruction is provided to assist students who are either having difficulty or desiring extra help with specific subjects. The Math Lab assists with all math needs. The Math Lab is located in Stevens Hall room 213.
- **Learning Commons:** It's not just the Library anymore. In addition to the normal library functions (book checkout, research assistance, etc.), the Learning Commons serves a number of other functions. Get help with Blackboard and other Distance Ed questions. The "technology counter" provides an opportunity to play with some of the latest technology. Computers and printers available. If you have questions, call (701-774-4226). To contact the Office of Extended Learning please email [wsc.extendedlearning@willistonstate.edu](mailto:wsc.extendedlearning@willistonstate.edu).
- **SmarThinking:** Web based program that offers live tutoring services in a variety of subject areas at no cost to the student. With SmarThinking you can access live tutors, ask a question and come back the next day for a response, and/or submit writing pieces to be reviewed. If you have further questions or need assistance in using this great tool, please stop in the Learning Commons in Stevens Hall or contact Katie Peterson at 701-774-4594.

## **STUDENT ACADEMIC INTEGRITY**

Integrity of the academic process requires that credit be given where credit is due. Accordingly, it is a breach of academic integrity to present as one's own work the ideas, representation, or works of another, or to permit another to present one's work without customary and proper acknowledgement of authorship. Students are expected to conduct themselves at all times within permissible limits of assistance as stated by faculty.

Students will be held responsible for any breaches of academic integrity. More common breaches of academic integrity include but are not limited to: cheating, plagiarism, forgery, fabrication, facilitation, or aiding academic dishonesty; theft of instructional materials or tests; unauthorized access or otherwise manipulating laboratory equipment or computer programs without proper authorization; alteration of grades or permanent files; misuse of research data in reporting results; use of personal relationships to gain grades or academic favors; or otherwise attempting to obtain grades or credit through fraudulent means. These breaches of academic integrity are also viewed as misconduct and are treated accordingly.

Students who violate the Student Academic Integrity guidelines may face scholastic or disciplinary consequences. The instructor may reflect the incident of academic dishonesty through the assignment of the student's grade in the course. If the student has a grievance related to this action, that grievance would be directed to the Chair of the department in which the course is housed.

Breach of academic integrity may result in failure of the assignment, exam, and/or class.

## **STUDENT RESPONSIBILITIES:**

- You are expected to read the relevant materials and participate in class discussions in a timely manner.
- You are expected to respect your fellow students and the instructor in online and on campus discussions.
- It is your responsibility to ask questions when you are uncertain about assignments or course materials.
- If you have questions concerning grades, you should contact the Instructor immediately. You are responsible for checking Blackboard in a timely fashion to ensure that the grade recorded is your correct grade.
- It is your responsibility to contact the instructor as soon as possible if you are encountering any issues that would hinder your performance in this class.
- You are responsible for earning your grade (with the instructor making every effort to help you learn the material).
- If you are concerned about your grade, you should speak to the Instructor **NO LATER** than mid-term. No consideration will be given to request to adjust your grade at the end of the semester unless there is an error in calculations.

## **GRIEVANCE POLICY**

Occasionally, students are dissatisfied with some dimension of the course. In such cases, students should first schedule a meeting with the instructor. If the student and instructor cannot reach a satisfactory resolution, the student should schedule a meeting with the Chair of the Department. (See page 10 of the Student Code of Conduct.)

## **TITLE IX**

Survivors of sexual assault, domestic violence, and sexual harassment: please be aware that as an instructor, I am legally obligated to report all instances of sexual assault, domestic violence, and sexual harassment involving students. If you would like to speak to someone confidentially, please contact the WSC Counselor at (701)774-4212 (they are NOT mandated to report such instances).

## **FINAL EXAMS/ACTIVITIES**

Students are required to take the final examination or engage in the final activity on the date and at the time presented as part of the course syllabus. Exceptions may be made only in emergency situations and in the case of scheduling conflicts with college sponsored events by promptly submitting a written request detailing the circumstances to the instructor of the course. **Your meeting time for your final is: due Finals Week (Week 17) - online format.**

***SCOPE AND SEQUENCE OF THE COURSE (SUBJECT TO CHANGE)***

<b>Week</b>	<b>Chapter</b>	<b>Assignment/Lab/Test</b>
1	1 – Animal Contributions	Paper #1 - Contributions to Your Daily Life
2	2 – Livestock Industries	Paper #2 – Domestication Article Review
3	3, 4, 5, 6, 7 – Livestock Products	Lab #1 – Livestock Products Review Q#1
4	<b>Quiz #1 (Ch 1-7)</b>	<b>Quiz #1</b>
5	8, 9 – Market/Visual Evaluation	Lab #2 – Livestock Evaluation
6	10, 11 - Reproduction	Lab #3 - Reproduction
7	14 – Mating Systems <b>Quiz #2 (Ch 8-11, 14)</b>	Review Q#2 <b>Quiz #2</b>
8	15, 16, 17 – Nutrients and Digestion in the Rumen	Lab #4 – Feed Tags Review Midterm
9	<b>Midterm (Ch 1-11, 14-17)</b>	<b>MIDTERM EXAM</b>
10	18, 19, 20 – Growth, Adaptation, Lactation	Paper #3 – Livestock Adaptations
11	21 – Animal Health	Lab #5 – Livestock Vaccinations
12	22 – Animal Behavior	Paper #4 – Temple Grandin Handling Systems Review Q#3
13	<b>Quiz #3 (Ch 18-22)</b>	<b>Quiz #3</b>
14	23 – Issues in Animal Agriculture	Lab #6 – Current Issues
15	24 – Beef Cattle Breeds 26 – Dairy Cattle Breeds 28 –Swine Breeds	Species/Breed Final Project
16	30 – Sheep and Goat Breeds 32 – Horse Breeds 34 – Poultry Breeds <b>Quiz #4 (Ch 23-24, 26, 28, 30, 32, 34)</b>	Species/Breed Final Project Review Q#4 <b>Quiz #4</b>
17	<b>Final – Online Format</b>	<b>FINAL EXAM</b>