

**COLLEGE OF AGRICULTURE AND LIFE SCIENCES**  
**DEPARTMENT OF ANIMAL SCIENCE**

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**A. COURSE INFORMATION AND PREREQUISITES**

<b>Title and Number:</b>	<b>ANSC 111 – Animal Production Systems</b>
<b>Term:</b>	Fall, 201X
<b>Meeting Times and Locations:</b>	Lecture: XXXX; Lab: XXXX
<b>Mode of Instruction:</b>	Lecture; Traditional, Face-to-Face
<b>Credit Hour:</b>	3 hr. (2-2)
<b>Prerequisites:</b>	ANSC 107, 108

**B. COURSE DESCRIPTION**

Transformative experiences related to beef cattle, dairy cattle, equine, sheep, swine, goats, companion animals, meats, food products, and food safety. Exposure to available animal science careers and potential areas of future/additional study.

**C. COURSE PURPOSE**

Students will gain further exposure to the various production systems that encompass food and companion animal industries. Speakers currently working in positions related to each production system will be invited to engage with students about their careers and the pathways into their industry. The laboratory portion of this course will include learning to safely handle and work with various classes of animals.

**D. CONCEPTS TO KNOW BEFORE TAKING THE COURSE**

- Animal Terms: <https://livestockconservancy.org/index.php/resources/internal/animal-terms>
- Teams: <https://www.skillsyouneed.com/ips/team-working.html>
- Networking: <https://hbr.org/2016/05/learn-to-love-networking>

**E. INSTRUCTOR INFORMATION**

<b>Instructor:</b>	Dr. W. Shawn Ramsey
<b>Office Phone Number:</b>	(979) 845-7616
<b>E-mail Address:</b>	sramsey@tamu.edu
<b>Office Hours:</b>	
<b>Office Location:</b>	Room 109 Kleberg

## **F. STUDENT-INSTRUCTOR INTERACTION**

The instructor-student interactions will take place through: 1) lecture session; 2) laboratory meetings; 3) online training modules; 4) email inquiry and replies; and 5) appointments made through emails or phone calls.

## **G. TEXTBOOK**

**Required:** None

## **H. PROGRAM & COURSE LEVEL OUTCOMES**

Department of Animal Science Program Level Outcomes included in this course are listed below in bold, below those are their corresponding course level outcomes explored in this course.

- 2. Utilize Animal Production Systems to Sustain Economic Resources: Assessment of business models**
  - 2. a. 1 Summarize why each type of livestock production system exists. Distinguish between inputs and outputs.
- 2. Utilize Animal Production Systems to Sustain Economic Resources: Global integration**
  - 2. b. 1 Recognize characteristics of the global market place that impact animal products/outputs.
- 2. Utilize Animal Production Systems to Sustain Economic Resources: Product/output marketing**
  - 2. c. 1 Identify products/outputs produced from each type of livestock production system.  
Identify characteristics of markets and industry stakeholder groups/customers.
- 2. Utilize Animal Production Systems to Sustain Economic Resources: Application of animal management strategies**
  - 2. d. 1 Recognize methods of measuring animal performance/efficiency.
- 7. Diverse and Global Perspective: Culturally self-aware**
  - 7. a. 1 Recognize that cultural difference exist between individuals.
- 7. Diverse and Global Perspective: Verbal and nonverbal communication**
  - 7. b. 1 Acknowledge cultural differences in verbal and nonverbal communication.
- 7. Diverse and Global Perspective: Engagement**
  - 7. c. 1 State interest in learning more about other cultures.
- 7. Diverse and Global Perspective: Applying knowledge to contemporary global contexts**
  - 7. d. 1 Define global challenges facing animal science in basic ways.
- 9. Ethical Conduct: Self-awareness**
  - 9. a. 1 Identify personal core beliefs.
- 9. Ethical Conduct: Ethical issue recognition**
  - 9. b. 1 Name basic ethical issues within the area of animal science and outline the complexities or interrelationships among the issues.
- 9. Ethical Conduct: Application of ethical perspectives/concepts**
  - 9. c. 1 Recognize situations in animal science that pose ethical dilemmas and require the application of ethical perspectives/concepts.
- 9. Ethical Conduct: Legal and ethical guidelines**
  - 9. d. 1 Identify and comply with legal requirements and ethical standards impacting animal science



## I. GRADING POLICIES

### Lecture

- 20% Exam 1
- 20% Exam 2
- 10% Speaker reports

### Laboratory

- 10% Attendance
- 20% Reflection Paper
- 20% Lab reports

### Exams

- Exams will be held in the assigned classroom.
- Exams will cover the topics discussed in the class. In order to be adequately prepared for the exams, students should review the notes provided by the instructor or in the class, and class notes. Additionally, students should use their personal notes to supplement provided material.
- Exams will typically be questions covering lecture & laboratory material.
- Creation of concept maps for the major topics presented will be emphasized on each exam.
- Makeup exam time (**ONLY** if allowed for an excused absence, see TAMU Student rule 7, not hunting, or a wedding, or a Disney trip, or...) will be arranged with the instructor and will consist of a **comprehensive** closed-book, closed-note format.

### Speaker reports

- Students will be asked to complete a response for each speaker. These will be collected randomly throughout the semester and graded.

### Lab reports

- Lab reports will be completed and turned in at the next lab session.

### Reflection Paper

- Reflection papers will be based on a topic of interest from the course. In the paper, identify potential careers that are interesting to you and the steps required to prepare you to enter that field.

### Conversion of numerical grade to letter grade will be made as follows:

90% and above -	A
80% to below 90% -	B
70% to below 80% -	C
60% to below 70% -	D
Below 60% -	F

## J. CALENDAR OF TOPICS AND IMPORTANT DATES

<b>Week</b>	<b>Topic or Experience</b>
<b>1</b>	Introduction
<b>2</b>	Beef
<b>3</b>	Beef Lecture: Speaker report due
<b>4</b>	Equine Lecture: Speaker report due Lab: Weeks 2-3 “beef” lab report due
<b>5</b>	Equine Lecture: Speaker report due
<b>6</b>	Companion Animals Lecture: Speaker report due Lab: Weeks 4-5 “equine” lab report due
<b>7</b>	Sheep Lecture: Speaker report due Lab: Week 6 “companion animal” lab report due
<b>8</b>	Goats Lecture: Speaker report due Lab: Week 7 “sheep” lab report due <b>Exam I</b>
<b>9</b>	Swine Lab: Week 8 “goats” lab report due
<b>10</b>	Swine Lecture: Speaker report due
<b>11</b>	Dairy Lecture: Speaker report due Lab: Weeks 9-10 “swine” lab report due
<b>12</b>	Meat/Dairy Processing Lecture: Speaker report due Lab: Week 11 “dairy” lab report due
<b>13</b>	Food Distribution Lecture: Speaker report due Lab: Week 12 “Meat/Dairy Processing” lab report due
<b>14</b>	Food Safety Lecture: Speaker report due Lab: Week 13 “Food Distribution” lab report due <b>Exam II</b>
<b>Finals Week</b>	Week 14 “food safety” lab report due Reflection paper due

## K. SPECIAL PROVISIONS

### 1. Americans with Disabilities Act (ADA) Policy Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Disability Services, located in the Disability Services Building at White Creek on west campus or call 979-845-1637. For more information, visit <http://disability.tamu.edu>.

### 2. Academic Integrity

Misconduct in research or scholarship includes fabrication, falsification, or plagiarism in proposing, performing, reviewing, or reporting research. It does not include honest error or honest differences in interpretations or judgments of data. It is very important to read other people's work and to use their ideas in developing theses, professional papers, or otherwise completing academic requirements. This is called scholarship and is highly rewarded because it builds a cumulative body of knowledge. When other scholars share their ideas, they expect that others will give them credit when making use of their ideas. It is critically important for students to understand the rules for properly crediting other people's ideas when writing a thesis or professional paper or otherwise completing academic requirements.

If you use someone else's idea without using his or her specific words, this is called paraphrasing. When you paraphrase, you are expected to indicate the source of the idea (the author and publication date, but not a page number). This allows a reader to find the source of the ideas, verify that you have accurately represented them, and obtain additional information about those ideas if necessary. If you use someone else's exact words, this is called quoting. When you quote, you are expected to enclose the words in quotation marks, and indicate the source of the quote (the author, publication date, and page number). Plagiarism also applies to information found on the web; it is equally important to cite a web source and the rules above pertain. Consequently, if there are not quotation marks around the text and no source is cited, instructors will assume that you intend for them to conclude that any ideas, especially the specific words, that you presented in your work are your own.

Thus, if the idea or the exact words are taken from another source and you do not indicate the source of the idea, you are representing another person's ideas as if they were your own. This is called **plagiarism** and is a very serious offense.

Texas A&M University students are responsible for authenticating all work submitted to an instructor. If asked, students must be able to produce proof that the item submitted is indeed the work of that student. Students must keep appropriate records at all times. The inability to authenticate one's work, should the instructor request it, is sufficient grounds to initiate an academic dishonesty case. For additional information please visit: <http://aggiehonors.tamu.edu/>.

*“An Aggie does not lie, cheat, or steal, or tolerate those who do.”*

*Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment*

*on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System.*

### **3. Absences**

Rules concerning excused absences may be found at <http://student-rules.tamu.edu/rule07>. In particular, except for absences due to religious obligations, the student must notify his or her instructor in writing (acknowledged e-mail message is acceptable) prior to the date of absence if such notification is feasible. By state law, if a student misses class due to an obligation of his or her religion, the absence is excused. A list of days of religious obligation for the coming semester may be found at <http://student-rules.tamu.edu/append4>.

### **4. Disruptive Behavior**

If a student's behavior in class is sufficiently disruptive to warrant immediate action, the instructor is entitled to remove a student on an interim basis, pending an informal hearing with the Head of the Department offering the course. This hearing must take place within three working days of the student's removal. This rule and supporting information may be found at <http://student-rules.tamu.edu/rule21>.

### **5. Copyright**

Instructor reserves copyright to all materials used in this course. This means all materials generated for this class, which includes but is not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy any material, unless expressly granted written permission.

### **6. Defacement of University Property**

"It is unlawful for any person to damage or deface any of the buildings, statues, monuments, trees, shrubs, grasses, or flowers on the grounds of any state institutions of higher education (Texas Education Code Section 51.204)". The words damage or deface refer specifically to any and all actions, whether direct or indirect, that either diminish the value or mar the appearance of the physical environment.