Animal Nutrition
ANSC 3333 – Department of Agriculture
Maymester 2023

Instructor: Dr. Erin G. Brown
Office: Room 106 – Agriculture Building
Telephone: 468-3705 (Department) 468-4433 (Office)
Email: browneg@sfasu.edu

Office Hours: MTWR 8:00 am – 9:00 am; 12:15 pm – 1:15 pm

Lecture: MTWRF 9:00 am - 12:15 pm
Room: 121 Agriculture Building


Course Description: Understand the nature, function and metabolism of nutrients in animal production.

Student Learning Outcomes:
1. The student will demonstrate competence of technical subject matter in animal and poultry sciences.
2. The student will demonstrate effective oral and written communication skills.
3. The student will exhibit leadership and other interpersonal skills needed for career placement and advancement.
4. The student will exhibit problem solving skills based on quantitative and analytical reasoning.
5. The student will demonstrate knowledge of farm and ranch skills.

Objectives:
1. To introduce the student to the field of animal nutrition
2. To acquaint students with the basic anatomical differences between the various species of animals.
3. To help the student understand the division of feedstuffs into nutrient classes.
4. To understanding the function, digestion and metabolism of the various nutrients.

Grading: Your grade will be based on your performance in lecture (exams = 300 points; minor quizzes = 50 points).

Attendance Policy: You are expected to attend lecture. There are no make ups for lecture minor quizzes. Exams may be made up on the day the student returns to class from an excused absence with a note and will be administered during class time. The excuse note must be presented on the day the student returns to class when the exam is administered, no exceptions. Any student wanting to replace a low exam grade may take the final and the percentage on the final will be used to calculate the replacement exam grade. Or the final may be used to replace a missed exam should the student not provide an excuse note to take the missed exam.

Lecture Exams: There will be 3 exams during the semester each worth 100 points. Exam 2 is split in two sections. Exams will not be returned to students. Exams may be made up on the day the student returns to class from an excused absence with a note and will be administered during class time. The excuse note must be presented on the day the student returns to class when the exam is
administered, no exceptions. The student must notify the instructor of the
excused absence prior to missing class if it is a university related absence. The
instructor must be notified of illness on the day of the exam and return with a
doctor’s excuse in order to take the exam upon returning to class. The instructor
must be notified of other excused absences the day the absence occurs and
return with proof of absence.

Lecture Minor Quizzes: Lecture minor quizzes will occur at random times during the semester.
These quizzes will be worth a total of 50 points. The quizzes could be for
attendance or an actual quiz. Absolutely no make ups for missed lecture
minor quizzes.

Final Exam: May 23 9:00 am – 11:30 am

Score Card
Lecture Grade
Exam 1 (100 pts) _____
Exam 2a (50 pts) _____
Exam 2b (50 pts) _____
Exam 3 (100 pts) _____
Minor Quizzes (50 pts) _____
Nutrition presentation (50 pts) _____
Lecture (400 pts total) _____

Final Grade (%) = (total lecture pts ÷ 400) * 100

Final Exam Schedule:
http://www.sfasu.edu/registrar/Registration/finalexamschedule.html

Add/Drop Policy:
http://www.sfasu.edu/upp/pap/academic_affairs/add_drop.html

Academic Integrity
Academic integrity is a responsibility of all university faculty and students. Faculty members
promote academic integrity in multiple ways including instruction on the components of academic
honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited
to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a
component of a class; (2) the falsification or invention of any information, including citations, on
an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or
plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your
own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when,
in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or
otherwise obtained from an Internet source or another source; and (3) incorporating the words or
ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp
**Withheld Grades Semester Grades Policy (A-54)**

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

**Students with Disabilities**

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).

**Responsible Use of Technology:** It is expected that all students will only use cell phones, PDAs, laptop computers, MP3 players and other technology outside of class time or when appropriate in class. Answering a cell phone, texting, listening to music or using a laptop computer for matters unrelated to the course may be grounds for dismissal from class or other penalties.

**Classroom Behavior:** Disruptive, distracting, or disrespectful behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic, or other penalties. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom.
SFA AG DEPARTMENT ATTENDANCE AND PUNCTUALITY POLICY (referencing university policy, 6.7)
Attendance and punctuality are core skills to have as an engaged student and for a successful career. Therefore, all agriculture faculty have adopted the following policy for unexcused absences.

**LECTURE**
- Miss two lectures, no letter grade reduction.
- Miss more than two lectures, drop 10% for every unexcused absence.

**LAB**
- Miss one lab period, no letter grade reduction.
- Miss more than one labs, drop 10% for every unexcused absence.

Excuses can either be provided as hard copy or electronically. **Documentation for excused absences is due within seven days of the absence,** and no documentation from previously will be accepted past the Friday before finals week at 5 PM.

For reference, below are examples of excused absences.
1. Approved university activities (require documentation from sponsor and advanced notice, see below)
2. Death or major illness of an immediate family member (requires documentation and notice as soon as possible)
3. Major illness of yourself (requires a doctor’s note).

If you miss class for any other reason and feel your absence should be excused, you must provide me with a typed memo explaining why the absence should be excused and provide appropriate documentation. This memo must be provided within one week of the absence. All other absences are considered unexcused.

**Mental Health and Wellness**
SFA values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students’ mental health and wellness. Many of these resources are free, and all of them are confidential.

On-campus Resources:SFA Counseling Services
www.sfasu.edu/counselingservices
Rusk Building, 3rd Floor
936.468.2401

SFA Human Services Counseling Clinic
www.sfasu.edu/humanservices/139.asp
Human Services, Room 202
936.468.1041

Crisis Resources:
Burke 24-hour crisis line: 1.800.392.8343
Suicide Prevention Lifeline: 1.800.273.TALK (8255)
Crisis Text Line: Text HELLO to 741-741
# Animal Nutrition Lecture Schedule

<table>
<thead>
<tr>
<th>Lecture Date</th>
<th>Lecture Topic</th>
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<tbody>
<tr>
<td>May 10</td>
<td>Exam 1&lt;br&gt;Nutrients (Protein and Fat)</td>
</tr>
<tr>
<td>May 15</td>
<td>Exam 2a&lt;br&gt;Protein digestion and metabolism&lt;br&gt;Vitamins</td>
</tr>
<tr>
<td>May 17</td>
<td>Exam 2b&lt;br&gt;Fat digestion and metabolism&lt;br&gt;Measuring Digestibility&lt;br&gt;Feeding Standards&lt;br&gt;Minerals</td>
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<tr>
<td>May 22</td>
<td>Exam 3</td>
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Animal Nutrition ANSC 3333
Nutrition Topic Presentation

Topic Due: May 9
Slides Due: May 10
Presentation date: __________

Purpose: To understand a “real” nutrition topic that you have encountered in your life.

The topic of your presentation is wide open to any nutrition related topic/idea. Your presentation should present the claim or idea and then present scientific findings to prove/disprove the claim.

On a separate page, you must have literature cited. Use peer-reviewed publications (ex: Journal of Animal Science). Do not use webpage citations. You need at least 6 peer-reviewed references. Your references should be recent within the last 5 years.

Length of presentation: The presentation needs to present the topic and provide evidence for the claim of the topic. You will need to build a powerpoint presentation. The presentation will be 5-10 minutes in length.

- What is the claim
- What common information is presented (on blogs, websites)
- What is the science behind the claim (published research)

References: Use the format from the Journal of Animal Science (JAS) (http://jas.fass.org/). References should be on a separate page in alphabetical order and titled literature cited. Look at an article from JAS to see the correct way to format. Examples for various types of sources are listed below:

Journals

Books

Conferences