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                        (936)645-1695 (cell)

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Text: Livestock Feeds and Feeding, Kellems and Church. Recommended only, not required.

Course Description: Application of the principles of nutrition to ration formulation for livestock; evaluating feedstuffs for use in ration formulation. In this class, we will study the physical and chemical composition of feedstuffs, nutrient interactions, feed processing, storage, and preparation for feeding all types of animals.

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 understand the nutrient requirements of livestock to meet specific requirements.
2. To understand the characteristics of feedstuffs and their use in ration formulation.
3. To be able to perform different methodologies to evaluate quality of feedstuffs.
4. Apply your knowledge of nutrients required by livestock to ration formulation and to be able to formulate rations to meet specific requirements.
5. To understand feed processing techniques and their effects on feed quality.
Grading: 500 of 800 total points of your grade will be based on your performance in lecture (exams = 500 points), and 300 of 800 total points) of your grade will be based on your performance in lab.

Examinations: There will be 3 lecture exams during the semester (100 pts each) and a final exam (200 pts).

Lab Quizzes: Lab quizzes will occur at 4 times during the semester. These quizzes are worth 50 points each. The final lab quiz is worth 100 points.

Score Card

<table>
<thead>
<tr>
<th>Lecture Grade</th>
<th>Laboratory Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1 (100 pts)</td>
<td>QZ 1 (50 pts)</td>
</tr>
<tr>
<td>Exam 2 (100 pts)</td>
<td>QZ 2 (50 pts)</td>
</tr>
<tr>
<td>Exam 3 (100 pts)</td>
<td>QZ 3 (50 pts)</td>
</tr>
<tr>
<td>Final Exam (200 pts)</td>
<td>QZ 4 (50 pts)</td>
</tr>
<tr>
<td></td>
<td>Final QZ (100 pts)</td>
</tr>
<tr>
<td>Lecture (500 total)</td>
<td>Lab (300)</td>
</tr>
</tbody>
</table>

Final Grade (%) = ((total lecture pts + total lab pts) ÷ 800) * 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/).

**COVID-19 MASK POLICY** Masks (cloth face coverings) must be worn over the nose and mouth at all times in this class and appropriate physical distancing must be observed. Students not wearing a mask and/or not observing appropriate physical distancing will be asked to leave the class. All incidents of not wearing a mask and/or not observing appropriate physical distancing will be reported to the Office of Student Rights and Responsibilities. Students who are reported for multiple infractions of not wearing a mask and/or not observing appropriate physical distancing may be subject to disciplinary actions.


SFASU 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:**

SFASU Counseling Services
[www.sfasu.edu/counselingservices](http://www.sfasu.edu/counselingservices)
3rd Floor Rusk Building
936-468-2401

SFASU Human Services Counseling Clinic
[www.sfasu.edu/humanservices/139.asp](http://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