Animal Nutrition
ANS 308
Fall 2015

Instructor:
Dr. Douglas Eborn
Office: AgIT 247
Email (preferred): Douglas.Eborn@tamuc.edu
Phone: 903-866-5676

Class Schedule:
Location: AGIT 255
Time: TR; 9:30 – 10:45 A.M.

Course Description
This course will review the function and chemistry of the nutrient components found in food; specifically, carbohydrates, lipids, proteins, vitamins, minerals and water. Differences in nutrient requirements, digestion, and utilization of nutrient between species will also be discussed.

Materials – Textbook

Required: None

All course material will be posted on eCollege as it becomes available. Lecture material will either be available before class or immediately after.

Course Outline/Topics

- Introduction to nutrition
- Gastrointestinal tract and nutrient utilization
- Carbohydrates
- Lipids
- Proteins
- Minerals
- Vitamins
- Energy Metabolism
- Nutrient Requirements

Student Learning Outcomes

Students successfully completing the course should be able to:

1. Name all the nutrients and discuss each nutrients structure, function, and utilization in relation to animal nutrition.
2. Know functional and structural differences in the gastrointestinal tract of farm animal species and how they utilize nutrients.
Grading

A grade book will be maintained on eCollege so that you may view your grades.

1. Attendance

Attendance is required, will be taken at the beginning of class, and is worth 100 points. For every unexcused absence, 5 points will be deducted.

2. Exams

- Three exams will be given through the course of the semester. Exams may include an in class portion consisting of true/false, multiple choice, short answer, essay and may/or may not include a take home portion. The comprehensive 3rd exam will be given during the week of finals.

   **Tentative Exam Dates:**
   - Exam 1 – October 2nd
   - Exam 2 – November 6th
   - Exam 3 – December 17th (8:00 – 10:00 A.M.)

- All students are to take the in-class exams at the time they are scheduled unless you have a great excuse. If a makeup is written it may be more difficult, not easier, for the student.

3. Quizzes

- Quizzes will be given weekly throughout the course on eCollege or in class except for the weeks that an exam is given.

4. Late or missing work

- The student must take responsibility to notify the instructor in a timely matter for consideration and accommodation due to emergencies or other circumstances. Validation of may be required.

Grading Policy:

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<th>Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Exams</td>
<td>400</td>
<td>A: 90% +</td>
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<tr>
<td>Quizzes</td>
<td>200</td>
<td>B: 80-89%</td>
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<tr>
<td>Attendance</td>
<td>100</td>
<td>C: 70-79%</td>
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<tr>
<td>Total</td>
<td>700</td>
<td>D: 60-69%</td>
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COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures

Academic Honesty
Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including (but not limited to) receiving a failing grade on the assignment, the possibility of failure in the course and dismissal from the University. Since dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced. In ALL instances, incidents of academic dishonesty will be reported to the Department Head. Please be aware that academic dishonesty includes (but is not limited to) cheating, plagiarism, and collusion.

Cheating is defined as:

- Copying another's test of assignment
- Communication with another during an exam or assignment (i.e. written, oral or otherwise)
- Giving or seeking aid from another when not permitted by the instructor
- Possessing or using unauthorized materials during the test
- Buying, using, stealing, transporting, or soliciting a test, draft of a test, or answer key

Plagiarism is defined as:

- Using someone else's work in your assignment without appropriate acknowledgement
- Making slight variations in the language and then failing to give credit to the source

Collusion is defined as:

- Collaborating with another, without authorization, when preparing an assignment

If you have any questions regarding academic dishonesty, ask. Otherwise, I will assume that you have full knowledge of the academic dishonesty policy and agree to the conditions as set forth in this syllabus.

University Specific Procedures

Students with Disabilities:
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 have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library
Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamuc.edu