

**COLLEGE OF ARTS AND SCIENCES**  
**Sam Houston State University**

**Course Syllabus: Summer II 2008**

<b>DEPARTMENT:</b>	Agricultural and Industrial Sciences
<b>COURSE NUMBER AND TITLE:</b>	AGR 564 Equine Nutrition
<b>LOCATION OF CLASS MEETING:</b>	THOM, Rm. 221
<b>CLASS MEETING TIME:</b>	July 8 -16 12:00 – 4:50
<b>INSTRUCTOR:</b>	Matthew L. McMillan, Ph.D., Assistant Professor – Animal Science
<b>OFFICE LOCATION:</b>	Thomason – Room 313 E
<b>TELEPHONE:</b>	Phone: 936-294-1214 E-mail: mlm018@shsu.edu Ag Main Office: 294-1215; Ag Fax: 294-1232
<b>OFFICE HOURS:</b>	As posted or by appointment
<b>COURSE DESCRIPTION:</b>	At the end of this course, the student will have learned the function of the equine digestive system in regards to anatomy, physiology, digestive processes, nutrient requirements, feedstuffs, and management. Health care will also be presented.
<b>REFERENCE TEXTBOOK:</b>	<u>Nutrient Requirements of Horses</u> , Sixth Revised Edition, 2007. National Academy Press, Washington D.C.

**ATTENDANCE POLICY:**

Departmental attendance policy listed below will be strictly enforced.

**Department of Agricultural Sciences Attendance Policy**

1. Regular and punctual attendance is expected of each student in the Department of Agricultural Sciences at Sam Houston State University.
2. Each faculty member will keep a written record of student attendance.
3. Excused absences must be documented by the student with a letter of confirmation from the sponsoring student organization, professor or doctor. Exemptions will include participation in departmental activities when prior approval is attained from the Department Chair.
4. No exams or assignments will be given at alternative times unless arrangements are made with the professor/instructor before the scheduled activity occurs.

**GRADING PROCEDURE:**

<b>Exam I</b>	<b>100 points</b>
<b>Exam II</b>	<b>100 points</b>
<b>Exam III</b>	<b>100 points</b>
<b>Exam IV</b>	<b>100 points</b>
<b>Field Trip</b>	<b>100 points</b>
<b>Homework and Quizzes</b>	<b>100 points</b>
<b>Presentations</b>	<b><u>300 points</u></b>
<b>Total</b>	<b>900 points</b>

**GRADING SCALE:**

<b>A = 92 – 100%</b>
<b>B = 82 – 91%</b>
<b>C = 72 – 81%</b>
<b>D = 62 – 71 %</b>
<b>F = &lt; 62%</b>

**ACADEMIC DISHONESTY (SHSU Academic Policy Statement 810213):**

All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

**CLASSROOM RULES OF CONDUCT (According to Section 5 of the Student Handbook):**

Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Cellular telephones and pagers must be turned off before class begins. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.

**VISITORS IN THE CLASSROOM: (According to the Faculty Handbook):**

Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered student, it is at the instructor's discretion whether or not the visitor will be allowed to remain in the classroom.

## **STUDENTS WITH DISABILITIES:**

Students with a disability which affects performance are expected to arrange for a conference with the instructor in order that appropriate strategies can be considered to ensure that participation and achievement opportunities are not impaired. The physically impaired may contact the Director of the Counseling Center who also serves as chair of the Committee for Continuing Assistance for Disabled Students by telephone at (936)294-1720.

## **RELIGIOUS HOLIDAYS:**

An institution of higher education shall excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. A student who plans to miss a class or required activity to observe a religious holy day should inform the professor in writing prior to the planned absence.

## **COURSE OUTLINE:**

- I. Energy, Protein, Carbohydrates, and Fats**
- II. Minerals**
- III. Vitamins**
- IV. Water and Water Quality**

### **Exam I**

- V. Feed and Feed Processing**
- VI. Feed Additives**
- VII. Feed Analysis**
- VIII. General Feeding Practices**

### **Exam II**

- IX. General Management Practices**
- X. Feeding Idle and Working Horses**
- XI. Feeding and Care of Horses for Athletic Performance**
- XII. Breeding Stallion Feeding and Care**

### **Exam III**

- XIII. Broodmare Feeding and Care**
- XIV. Mare and Foal Care at Foaling**
- XV. Growing Horse Feeding and Care**
- XVI. Unique Aspects of Equine Nutrition**

### **Exam IV**