Course Syllabus

EQSC 342 – Equine Nutrition
Fall Semester, 2012
MWF 8:00-8:50 AM
BA 243

Instructor: Dr. Jackie Wahrmund, Assistant Professor of Animal Science
Department of Agricultural Sciences
Room 248
Phone: 886-5717
jackie.wahrmund@tamuc.edu
Office hours: M-F 10-11 AM

COURSE INFORMATION

Text: Feeding and Care of the Horse, 2nd edition. By Lon D. Lewis (REQUIRED)
Nutrient Requirements of the Horse (NRC), 6th revised edition (OPTIONAL)

Other materials: You will be required to bring a calculator to all lectures and exams. **You may not use the calculator on your cell phone.**

Course Description: Nutrition of the horse with emphasis on ration formulation, forage and hay quality and digestive disorders.

Student Learning Outcomes: Students will learn the digestive physiology of the horse; how to balance rations for the horse; and how to identify, treat, and prevent metabolic disorders in horses.

COURSE REQUIREMENTS

Lectures: I will not take attendance; however, attendance for all lectures is highly recommended. I expect that when you are in lecture, you will not cause disruption, talk to your neighbor, use your cell phone, read the newspaper, etc… If you cause disruption you will be excused. Please be respectful to your fellow classmates!

Grading: Exam 1 100 points
Exam 2 (Midterm) 100
Exam 3 100
Final Exam 100
Case Studies (6 @ 50 pts each) 300

Total 700 points
Grading, cont. A: 630-700 points  
  B: 560-629 
  C: 490-559 
  D: 420-489 
  F: Less than 420 points

Extra credit: Bonus points will be offered on all exams, and other extra credit opportunities will be announced in class.

Case studies are homework assignments that require you to think critically like an equine nutritionist. Assignments are due at the beginning of class on the due date. No late case study assignments will be accepted without an excused absence.

UNIVERSITY POLICIES

ADA Statement

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

Student Conduct
All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Code of Student Conduct from Student Guide Handbook).
COURSE CALENDAR

August 27  Introduction
August 29  General Nutrition
August 31  Anatomy

September 3  NO SCHOOL – LABOR DAY
September 5  Digestion and Absorption
September 7  Digestion and Absorption

September 10  Digestion and Absorption
September 12  Digestion and Absorption
September 14  Digestion and Absorption

September 17  Nutrient Requirements  Case Study 1 due
September 19  Nutrient Requirements
September 21  Nutrient Requirements

September 24  No Lecture  EXAM 1
September 26  Body Condition Scoring
September 28  Nutritional Status

October 1  Feed Analysis  Case Study 2
October 3  Feed Analysis
October 5  Feeds – Hay and Pasture

October 8  Feeds – Hay and Pasture
October 10  Feeds – Hay and Pasture  Case Study 3
October 12  Feeds – Grain

October 15  Feeds - Grain
October 17  No Lecture  EXAM 2
October 19  Feeding for Maintenance

October 22  Feeding for Maintenance
October 24  Feeding Performance Horses
October 26  Feeding Performance Horses
**COURSE CALENDAR**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 29</td>
<td>Feeding Performance Horses</td>
<td>Case Study 4</td>
</tr>
<tr>
<td>October 31</td>
<td>Feeding Stallions</td>
<td></td>
</tr>
<tr>
<td>November 2</td>
<td>Feeding Stallions</td>
<td></td>
</tr>
<tr>
<td>November 5</td>
<td>Feeding Broodmares and Foals</td>
<td></td>
</tr>
<tr>
<td>November 7</td>
<td>Feeding Broodmares and Foals</td>
<td></td>
</tr>
<tr>
<td>November 9</td>
<td>No Lecture</td>
<td>EXAM 3</td>
</tr>
<tr>
<td>November 12</td>
<td>Feeding Growing Horses</td>
<td></td>
</tr>
<tr>
<td>November 14</td>
<td>Feeding Growing Horses</td>
<td></td>
</tr>
<tr>
<td>November 16</td>
<td>Feeding Senior Horses</td>
<td></td>
</tr>
<tr>
<td>November 19</td>
<td>Feeding Senior Horses</td>
<td>Case Study 5</td>
</tr>
<tr>
<td>November 21</td>
<td>NO SCHOOL - THANKSGIVING</td>
<td></td>
</tr>
<tr>
<td>November 23</td>
<td>NO SCHOOL - THANKSGIVING</td>
<td></td>
</tr>
<tr>
<td>November 26</td>
<td>Nutritional Disorders/Poisonings</td>
<td></td>
</tr>
<tr>
<td>November 28</td>
<td>Nutritional Disorders/Poisonings</td>
<td></td>
</tr>
<tr>
<td>November 30</td>
<td>Nutritional Disorders/Poisonings</td>
<td></td>
</tr>
<tr>
<td>December 3</td>
<td>Supplements/Nutriceuticals</td>
<td>Case Study 6</td>
</tr>
<tr>
<td>December 5</td>
<td>Supplements/Nutriceuticals</td>
<td></td>
</tr>
<tr>
<td>December 7</td>
<td>Supplements/Nutriceuticals</td>
<td></td>
</tr>
<tr>
<td>December 10</td>
<td><strong>FINAL EXAM: 8:00 – 10:00 AM</strong> (Monday)</td>
<td></td>
</tr>
</tbody>
</table>

DATES MAY CHANGE AT INSTRUCTOR’S DISCRETION ADVANCE WARNING WILL BE GIVEN FOR ANY CHANGES