I. INTRODUCTION
A. This course will include theoretical and laboratory instruction in the feeding knowledge for all ages of horses, application of yearly vaccinations, and knowledge of young and older horses trainability.
B. This course is a requirement for the two year degree in the Horse Management Program.

II. OVERALL OR GENERAL OBJECTIVES OF THIS COURSE
Upon successful completion of this course, Equine Science II, the student will be able to:
A. Understand the characteristics of the weanling.
B. Understand learning ability of the yearling.
C. Select horses with trainable attributes.
D. Understand the trainability of the two and three year olds and older.

III. INSTRUCTIONAL MATERIALS
The instructional materials identified for this course are viewable through www.ctcd.edu/books

IV. COURSE REQUIREMENTS
A. Reading Assignments: Will be made as needed to supplement class work and lab activities. Students will be responsible for all material in the assigned materials on exams and to complete lab work.
B. Term Report: Will be assigned according to the specific interest of each student. It will be graded as a major exam and failure to complete the report will result in a grade of zero.
C. Class Performance: Will not be graded, therefore, points will not be deducted or awarded for class participation. Work to be turned in for a grade that is missed due
to an excused absence may be made up on the students time and at the convenience to the instructor. Work, including exams, missed due to an excused absence, must be made up before the second class meeting after the student returns to class.

Students absent will be responsible to get class notes missed from another student or from the textbook. Any work and exam not made up will be assigned a grade of zero.

V. EXAMINATIONS

Three major exams including the final will be given. The first exam will be given about the fifth week, the second exam about the tenth week and the final exam during the sixteenth week. The exams will be mainly objective type, to be graded by the instructor and returned to the student. A review will be given prior to the final exam. Procedure for taking make-up exams was given in Class Performance above.

VI. SEMESTER GRADE COMPUTATION

<table>
<thead>
<tr>
<th>Grade</th>
<th>First major exam</th>
<th>Second major exam</th>
<th>Third major exam</th>
<th>Report</th>
<th>Lab work</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>100-125 points</td>
<td>100-150 points</td>
<td>125-150 points</td>
<td>100</td>
<td>150-200</td>
</tr>
<tr>
<td>B</td>
<td>90 - 100</td>
<td>80 - 89</td>
<td>70 - 79</td>
<td>60 - 69</td>
<td>0 - 59</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VII. NOTES AND ADDITIONAL INSTRUCTIONS FROM COURSE INSTRUCTOR

A. Withdrawal from course: There are occasions when it may be necessary to drop a course. In order to be officially withdrawn from the College, a student must obtain and complete a withdrawal form and have it signed thereon. The student's transcript will show "W" or "F", depending on whether the student is passing or failing in his course at the time of withdrawal.

B. An Administrative Withdrawal: Results when a student is absent an excessive number of times, as defined in the current Central Texas College Catalogue and/or other published amendatory documentation. In such a case, the student is dropped from the course with a grade of "F".

C. An Incomplete Grade: May be given only in those cases where, because of personal illness, death in the immediate family, school sponsored trip, or military orders, the student is unable to complete the final examination for a course. Prior approval from the instructor is required before the grade of "I" is recorded. A student who merely fails to show for the final examination will receive a zero for the final and "F" for the course.

D. Disability Support Services provide services to students who have appropriate documentation of a disability. Students requiring accommodations for class are responsible for contacting the Office of Disability Support Services (DSS) located on the central campus. This service is available to all students, regardless of
location. Explore the website at www.ctcd.edu/disability-support for further information. Reasonable accommodations will be given in accordance with the federal and state laws through the DSS office.

VIII. COURSE OUTLINE

A. Unit One: Parasites on the Horse

1. Unit Objectives: Upon successful completion of this unit the student will be able to:
   a. Discuss the parasites faithful to the horse (does not utilize other animals)
   b. Discuss the different stages of the roundworm family
   c. Explain the damage that each stage causes
   d. Identify the three different botflies

2. Learning Activities:
   a. Instructor will discuss parasites and Parasitism
   b. Student will read assignments and label worm stage diagrams
   c. Students will read assignments and know the most damaging of parasites
   d. Students will collect bot eggs from horse and study diagrams for labeling

3. Unit Outline: follow sequence of learning activities

B. Unit Two: Behavioral Principles of Training and Management

1. Unit Objectives: Upon successful completion of this unit the student will be able to:
   a. Discuss the heritability of performance
   b. Discuss the effects of early experiences in the animal
   c. Discuss the environmental influences
   d. Explain the responses in the training process
   e. Discuss the conditioned and unconditional stimuli or cues

2. Learning Activities:
   a. Instructor will discuss the facts and theory on heritable performance
   b. Student will read assignments pertaining to inherited or environmental responses
   c. Student will read assignments on early experiences in the horse and work with young animals
   d. Student will read assignments in training and work on individual
basis with horses cue responses  
e. Student will ride and work on stimuli--recognizing the conditioned and unconditioned categories

3. Audio-Visual Aids: The American Quarter Horse Association films, Texas A&M University films

4. Unit Outline: follows sequence of learning activities

C. Unit Three: Yearly Vaccination/Medication

1. Unit Objectives: Upon successful completion of this unit the student will be able to:
   a. Have a knowledge of weanling vaccinations  
   b. Identify the vaccinations for the yearling  
   c. Discuss applications of yearly vaccinations of the two year old and older  
   d. Explain the yearly vaccinations of the brood mare

D. Unit Four: Types of Feed and Feeding Age Groups

1. Unit Objectives: Upon successful complete of this unit the student will be able to:
   a. Feeding the weanling  
   b. Feeding the one year old  
   c. Feeding the two year old  
   d. Feeding the three year old  
   e. Feeding the four year old

AGEQ 2311