EQSCI 100 Course Outline as of Spring 2013

CATALOG INFORMATION

Dept and Nbr: EQSCI 100 Title: SURVEY OF EQUINE SCIENCE
Full Title: Survey of Equine Science
Last Reviewed: 10/22/2012

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade or P/NP
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	AG 165A

Catalog Description:
A survey of the equine industry including selection, feeding, breeding, handling, and diseases of horses.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: An introductory course covering topics within the equine industry including selection, feeding, handling, and diseases of horses. (Grade or P/NP)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of this course, the student will be able to:
1. Describe common horse diseases and parasites and their control.
2. Select horses by live analysis and performance information.
3. Design a horse reproduction and breeding system according to sound management business practices.
4. Compare a minimum of eight common breeds of horses and assess their differences.
5. Describe key considerations in the design of horse handling facilities.
6. Describe the nutrient requirements of different ages and uses of horses and how those requirements may be met.
7. Discuss the history and development of the horse industry.
8. Evaluate career opportunities and requirements for successful employment.

Topics and Scope:

1. Disease and Parasites
   a. Common equine health problems
   b. Parasite control
   c. Health programs
2. Equine Selection
   a. Gathering information through live analysis and performance evaluation
   b. Functional anatomy
   c. Selection
   d. Evaluation of unsoundness
   e. Vices
3. Breeding and Reproduction
   a. Stallion management
   b. Mare management

c. Gestation
d. Foal management

4. Horse Breeds and Classes
   a. Origin and adaptation
   b. Classes
   c. Major uses
5. Equine Facilities and Equipment
   a. Ranch layout
   b. Facilities
   c. Equipment identification and cost
6. Feeding and Nutrition
   a. Digestion and utilization of feed
   b. Nutrient requirements
   c. Pasture management
7. History and Development of the Horse Industry
   a. Evolution and domestication of the horse
   b. Historical and cultural uses
   c. Economic importance
8. Careers
   a. Career opportunities
   b. Requirements for successful employment
   c. Job placement

Assignment:

1. Reading averaging twenty to thirty pages per week.
2. Weekly problem solving assignments related to reading.
3. Equine selection paper (2-5 pages).
4. Term paper (5-10 pages).
5. Quizzes (2-5).
6. Midterm; final exam.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Term papers	Writing 20 - 30%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems	Problem solving 15 - 25%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion, Short answer	Exams 40 - 50%

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation	Other Category 0 - 10%

Representative Textbooks and Materials:
HORSES: J.W. Evans, Third Edition, W. H. Freeman and Company, 2002