EQSCI 25 Course Outline as of Fall 2009

CATALOG INFORMATION

Dept and Nbr: EQSCI 25 Title: EQUINE SCIENCE
Full Title: Equine Science
Last Reviewed: 1/25/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00 Total Student Learning Hours: 157.50

Title 5 Category:	AA Degree Applicable
Grading:	Grade Only
Repeatability:	00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:	
Formerly:	AG 25

Catalog Description:
A survey of the equine industry including selection, feeding, breeding, facilities, handling and diseases will be emphasized to ensure scientifically based management decisions.

Prerequisites/Corequisites:

Recommended Preparation:
Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Schedule of Classes Information:
Description: A survey of the equine industry including selection, feeding, breeding, facilities, handling and diseases will be emphasized to ensure scientically based management decisions. (Grade Only)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100
Limits on Enrollment:
Transfer Credit: CSU;UC.

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:	Transferable	Effective:	Fall 1981	Inactive:	
UC Transfer:	Transferable	Effective:	Fall 1981	Inactive:	

CID:
CID Descriptor: AG - AS 116L Equine Science
SRJC Equivalent Course(s): EQSCI25

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of the course, students will be able to:
1. Review common horse diseases and parasites and their control.
2. Evaluate horses by live analysis and performance information.
3. Demonstrate knowledge of horse reproduction as it pertains to sound management.
4. Identify a minimum of eight common breeds of horses and assess their differences.
5. Design horse handling facilities with cost analysis of preparation for marketing of equine.
6. Demonstrate ground safety around horses.
7. Demonstrate basic health care and grooming.
8. Have reasonable accommodations made to perform all learning objectives regardless of physical and/or learning disabilities.
9. Identify cultural contributions and ethnic influences on the horse industry.
10. Describe career opportunities and requirements for successful employment.
11. Describe the values, themes, methods, and history of the discipline and identify realistic career objectives related to a course of study in the major.
12. Perform research specific to the discipline and use appropriate citations.

Topics and Scope:

1. Unit One: History and Development of the Horse Industry
   a. Evolution and domestication of the horse
   b. Historical and cultural uses

c. Economic importance
2. Unit Two: Horse Breeds and Classes
a. Origin and adaptation
b. Classes
c. Major uses
3. Unit Three: Equine Selection
a. Functional anatomy
b. Selection
c. Evaluation of unsoundness
c. Vices
4. Unit Four: Breeding and Reproduction
a. Stallion management
b. The mare
c. Gestation
d. Foal management
5. Unit Five: Feeding and Nutrition
a. Digestion and utilization of feed
b. Nutrient requirements
c. Pasture management
6. Unit six: Disease and Parasites
a. Common equine health problems
b. Parasite Control
c. Health programs
7. Unit Seven: Equine Facilities and Equipment
a. Ranch lay-out
b. Facilities
c. Equipment identification
8. Unit Eight: Basic Horsemanship
a. Finances of keeping a horse
b. Ground safety
c. Basic horse handling
9. Orientation to the values, themes, methods, and history of the discipline and identification of realistic career objectives related to a course of study in the major.
10. Introduction to discipline-specific research tools, including seminal books, important periodicals, major indexing sources, professional or trade organizations, standard reference tools, discipline specific tools, and major web sites.

Assignment:

Assignments will be taken from periodicals, handouts, and texts.
Laboratory practical exam
Two written midterms & one final exam
Three quizzes
Term paper project
Laboratory reports
Reading approximately 30 pages per week

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.

Written homework, Essay exams, Term papers	Writing 20 - 30%

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

Lab reports, Quizzes, Exams	Problem solving 10 - 20%

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

Class performances	Skill Demonstrations 20 - 30%

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

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

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

None	Other Category 0 - 0%

Representative Textbooks and Materials:
Horses, 3rd Edition, J. Warren Evans, W.H. Freeman & Company. 2000