

EQSCI 25 Course Outline as of Fall 2004

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 scientifically based management decisions.
(Grade Only)
Prerequisites/Corequisites:
Recommended: Eligibility for ENGL 100 or ESL 100
Limits on Enrollment:
Transfer Credit: CSU;UC. (CAN AG26)

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: |

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|---------------|----------------------|-------------------|------------------|
| IGETC: | Transfer Area | Effective: | Inactive: |
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| CSU Transfer: | Transferable | Effective: | Fall 1981 | Inactive: |
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| UC Transfer: | Transferable | Effective: | Fall 1981 | Inactive: |
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CID:

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

Certificate/Major Applicable:

Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The student 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 citation style, if different than MLA.

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.

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.

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| Written homework, Essay exams, Term papers |
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| Writing 20 - 30% |
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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 - 40%

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

Multiple choice, True/false, Matching items, Completion

Exams
40 - 60%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

THE HORSE, 3rd Edition, J.M. Kays, Arco Publishing, New York.

HORSES, 2nd Edition, J. Warren Evans, W.H. Freeman & Company.