### **EQSCI 100** Course Outline as of Fall 2004

# **CATALOG INFORMATION**

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

Units		Course Hours per Week		Nbr of Weeks	<b>Course Hours Total</b>	
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.

**Prerequisites/Corequisites:** 

**Recommended Preparation:** 

**Limits on Enrollment:** 

### **Schedule of Classes Information:**

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

# **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

AS Degree: CSU GE:	Area Transfer Area	Effective: Effective:	Inactive: Inactive:
<b>IGETC:</b>	Transfer Area	Effective:	Inactive:
CSU Transfer	: Effective:	Inactive:	
UC Transfer:	Effective:	Inactive:	

CID:

### **Certificate/Major Applicable:**

Not Certificate/Major Applicable

# **COURSE CONTENT**

### **Outcomes and Objectives:**

The student will:

- 1. Appraise 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. Design horse handling facilities with cost analysis of preparation.
- 6. Assess the nutrient requirements of different ages and uses of horses and how those requirements may be met.
- 7. Appraise career opportunities and requirements for successful employment from a historical point of view.

# **Topics and Scope:**

- 1. Unit One: Disease and Parasites
  - a. Common equine health problems
  - b. Parasite control
  - c. Health programs
- 2. Unit Two: Equine Selection
  - a. Functional anatomy
  - b. Selection
  - c. Evaluation of unsoundness
  - d. Vices
- 3. Unit Three: Breeding and Reproduction a. Stallion management

  - b. The mare
  - c. Gestation
  - d. Foal management
- 4. Unit Four: Horse Breeds and Classes
  - a. Origin and adaptation
  - b. Classes

- c. Major uses
- 5. Unit Five: Equine Facilities and Equipment
  - a. Ranch layout
  - b. Facilities
  - c. Equipment identification and cost
- 6. Unit Six: Feeding and Nutrition
  - a. Digestion and utilization of feed
  - b. Nutrient requirements
  - c. Pasture management
- 7. Unit Seven: History and Development of the Horse Industry
  - a. Evolution and domestication of the horse
  - b. Historical and cultural uses
  - c. Economic importance and job placement

### Assignment:

Reading and study assignments may average twenty to thirty pages per week. A term paper (5-10 pages) is required.

### 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

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

Homework problems, Quizzes, Exams

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

Performance exams

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

Multiple choice, True/false, Matching items, Completion

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

None

# **Representative Textbooks and Materials:**

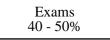
HORSES: J.W. Evans, Third Edition, W. H. Freeman and Company, 2000

	Problem solving 10 - 20%
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Writing

20 - 30%

Skill Demonstrations
20 - 40%



Other Category	
0 - 0%	