College of the Sequoias
COLLEGE ASSOCIATE DEGREE COURSE OUTLINE

SUBJECT AREA AND COURSE NUMBER: ASCI 123

COURSE TITLE: HORSE PRODUCTION

Units: 3.5

TOP Code: 0102.40 - Equine Science

Cross-Listed Courses:

CATALOG COURSE DESCRIPTION:

The course is designed to give students a broad basis of information for decision making in the management and operation of a horse herd from broodmare health to foaling. Herd health, cost of production, reproductive efficiency and marketing will be evaluated.

REQUISITES:

NONE

FIELD TRIP REQUIREMENTS: Not Required

LECTURE HOURS PER WEEK: 3

LAB HOURS PER WEEK: 1

ACTIVITY HOURS PER WEEK:

TOTAL HOURS PER WEEK: 4

TOTAL CONTACT HOURS PER SEMESTER: 70

TOTAL LECTURE HOURS PER SEMESTER: 52.5

TOTAL LAB HOURS PER SEMESTER: 17.5

GRADING: S - Standard Grading A-F

REPEATABLE: A - Not designed as repeatable

TRANSFERABLE:

*Approved* CSU BA Transferable (1-199 level)

YES

METHODS OF INSTRUCTION:

Methods of instruction may include, but are not limited to, the following:

* Laboratory
* Lecture and/or Discussion

METHODS OF EVALUATION:

A student's grade will be based on multiple measures of performance unless the course requires no grade. Multiple measures may include, but are not limited to, the following:
COURSE TOPICS:

Outline Of Topics:
The following topics are included in the framework of the course but are not intended as limits on content. The order of presentation and relative emphasis will vary with each instructor.

Unit One: Reproduction
A. Mare
B. Stallion

Unit Two: Nutrition
A. Allowances and requirements
B. Gestating mares, foals, and breeding stallions

Unit Three: Farm Layout
A. Barn
B. Supporting facilities

Unit Four: Parasites
A. Fecal egg counts
B. Proper anthelmintics
C. Proper management

Unit Five: Vaccinations
A. Common diseases
B. Vaccination schedule
C. Proper vaccination techniques

Unit Six: Foals
A. Record management
B. Neonatal health
C. Halter breaking
B. Leading
C. Tying up

Unit Six: Equine Industry
A. Business vs Hobby
B. Profit and Loss

OUTCOMES:

Course Objectives
The main concepts for this course will ask students to...

1. Recognize and list the functions of equine reproductive structures.
2. List the nutritional needs of all classes of equine.
3. Explain and list the necessary facilities for an equine operation.
4. List the common equine parasites, vaccinations and the appropriate control programs.
5. Demonstrate proper foal, mare and stallion handling.
6. Compare the equine business versus the hobby horse.

Student Learning Outcomes
Given a bred mare or reproductive scenario, students will be able to demonstrate understanding proper equine care from gestation through foaling. This will include applying record management to equine health decisions. The student will be evaluated in this area by demonstrating his problem solving ability with a production scenario problem to include health and reproduction. The student must consider all possible management decisions to classify the problem.

Skill demonstrations
Problem solving assignments or activities
Short answer quizzes or exams

Given financial data, students will be able to compare and contrast the profitability of an equine business with the expense and management for a horse enthusiasts. Students will be tested in this area in a laboratory setting and in a written exam. They must properly indicate the correct scenario of profit and loss.

Skill demonstrations
Problem solving assignments or activities
Short answer quizzes or exams
Institutional Outcomes

1. Use appropriate creative and analytic methods to interpret ideas, solve problems, and present conclusions.
2. Write coherently and effectively, adjusting to a variety of audiences and purposes, while taking into account others' writings and ideas.
3. Locate, evaluate, and use information from a variety of sources to take action or make a decision.

Assignments

Lab Content:
Lab Content

In a possible lab students will be required to visually inspect the neonate. They will required to gather information for record management.

TEXTS AND SUPPLIES:
Textbooks may include, but are not limited to:

TEXTBOOKS:

MANUALS:

PERIODICALS:

MATERIALS FEE: $0

OTHER:

Honors Course Outline Addendum

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