

EQSCI 80 Course Outline as of Fall 2024

CATALOG INFORMATION

Dept and Nbr: EQSCI 80

Title: EQUINE & STABLE MNGMT

Full Title: Equine and Stable Management

Last Reviewed: 2/10/2020

| 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:

**Catalog Description:**  
This course will provide students an understanding of management considerations to be better prepared for running and/or managing an equine enterprise. Topics covered will be: horse facilities; health care; equipment and tack; trailering horses; conditioning; pasture management; and managing the stalled horse. Field trips are an integral part of this course.

**Prerequisites/Corequisites:**

**Recommended Preparation:**  
Eligibility for ENGL 100 OR EMLS 100 (formerly ESL 100) or equivalent; and Course Completion of EQSCI 25

**Limits on Enrollment:**

**Schedule of Classes Information:**  
Description: This course will provide students an understanding of management considerations to be better prepared for running and/or managing an equine enterprise. Topics covered will be: horse facilities; health care; equipment and tack; trailering horses; conditioning; pasture management; and managing the stalled horse. Field trips are an integral part of this course.

(Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 OR EMLS 100 (formerly ESL 100) or equivalent; and Course Completion of EQSCI 25

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

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

|                   |                      |            |           |
|-------------------|----------------------|------------|-----------|
| <b>AS Degree:</b> | <b>Area</b>          | Effective: | Inactive: |
| <b>CSU GE:</b>    | <b>Transfer Area</b> | Effective: | Inactive: |

|               |                      |            |           |
|---------------|----------------------|------------|-----------|
| <b>IGETC:</b> | <b>Transfer Area</b> | Effective: | Inactive: |
|---------------|----------------------|------------|-----------|

|                      |              |            |             |           |
|----------------------|--------------|------------|-------------|-----------|
| <b>CSU Transfer:</b> | Transferable | Effective: | Spring 2012 | Inactive: |
|----------------------|--------------|------------|-------------|-----------|

|                     |            |           |
|---------------------|------------|-----------|
| <b>UC Transfer:</b> | Effective: | Inactive: |
|---------------------|------------|-----------|

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Analyze and discuss how horses respond in relation to management and environment.
2. Define and meet the basic needs of horses.
3. Describe basic equine operations.
4. Recognize safe procedures in the handling of horses in and around the stable.

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Identify basic facilities requirements.
2. Demonstrate daily responsibilities associated with stable management.
3. Identify appropriate grooming techniques.
4. Understand procedures to maintain horse stalls and paddocks.
5. Select and describe care for tack and equipment appropriate for equine enterprises.
6. Recognize unusual horse behavior and remedies in relation to management.
7. Summarize considerations necessary for successful trailering of horses.
8. Describe safety procedures in the event of an emergency.
9. Recognize common equine health issues and identify preventative measures and remedies.
10. Assess nutritional needs and adjusting individual horse rations appropriately.
11. Explore resources and considerations in ordering supplies and feedstuffs in bulk.

### **Topics and Scope:**

#### **I. Introduction**

- A. Basic horse anatomy and physiology

- B. Daily care duties
- C. Restraint
  - 1. Halters
  - 2. Knots
  - 3. Twitches
  - 4. Hobbles
  - 5. Stocks
- II. Preventative Healthcare
  - A. Infectious Diseases
    - 1. Infectious agents
    - 2. Vaccinations
    - 3. Nursing the sick horse
      - i. Medications
      - ii. Administration
  - B. Parasites
    - 1. Identification
    - 2. Anthelmintics
      - i. Administration
      - ii. Rotation
  - C. Routine Hoof Care
    - 1. Trimming
    - 2. Shoeing
  - D. Routine Dental Care
  - E. Alternative Therapies
    - 1. Acupressure
    - 2. Massage
    - 3. Chiropractic
    - 4. Homeopathy
    - 5. Supplements
- III. Lameness
  - A. Determining the Cause
  - B. Management
- IV. Muscle Injuries
  - A. Determining the Cause
  - B. Management
- V. Vices
  - A. Determining the Cause
  - B. Management
- VI. Stable Yard
  - A. Physical Considerations
    - 1. Temperature
    - 2. Air Quality
    - 3. Stall Space
    - 4. Flooring
    - 5. Bedding
    - 6. Feed and Water
    - 7. Fencing
  - B. Social/Behavior
    - 1. Horse to Horse Interaction
    - 2. Flight Animal
    - 3. Potential for vices
  - C. Manure Management

- D. Pasture Management
- E. Equipment
- VII. Horse and Tack Care
  - A. Saddlery and Tack Considerations
    - 1. Bridles and Bits
    - 2. Nosebands
    - 3. Martingales
    - 4. Breastplate
    - 5. Schooling Aids
    - 6. Saddles
    - 7. Blankets
    - 8. Pads
  - B. Tack Care
    - 1. Maintenance
    - 2. Cleaning
  - C. Preparing Horses for Use
    - 1. Bathing
      - i. Wash Rack Considerations
      - ii. Products
    - 2. Grooming
      - i. Equipment
      - ii. Clipping
      - iii. Wraps
      - iv. Plaiting
  - D. Nutritional Considerations
    - 1. Equipment
      - i. Feeders
      - ii. Waterers
    - 2. Behavior at Feeding
    - 3. Feeding Practices
    - 4. Vital Nutrients
    - 5. Supplements
  - E. Care of the Horse after Untacking
  - F. Conditioning
  - G. Transporting Horses
    - 1. Wraps
    - 2. Boots
    - 3. Trailer Selection and Maintenance
    - 4. Loading and Unloading
  - H. Emergencies
    - 1. When to Contact a Veterinarian
    - 2. Handling and Restraint Procedures
      - i. In the Barn
      - ii. In the Field
      - iii. While Traveling
    - 3. Distress Symptoms
    - 4. First Aid Kits
    - 5. Wound Care
      - i. First Aid
      - ii. Healing
    - 6. Broken Bones
    - 7. Euthanasia

8. Disposal
- VIII. Legal Aspects of Horse Business
  - A. Bookkeeping and Records
  - B. Labor Management
    1. Employee Versus Independent Contractor
    2. Wages
    3. Worker's Compensations
  - C. Licenses and Permits
  - D. Insurance
    1. Liability
    2. Mortality
  - E. Contracts
  - F. Taxes
    1. Federal
    2. State
    3. County
    4. Sales
  - G. Professional Resources

### Assignment:

1. Reading approximately 30 pages per week
2. Homework assignments will be taken from periodicals, handouts and text
3. One written midterm and one final exam
4. Quizzes (3 - 5)
5. Term project (examples: management plan for brood mare barn, conditioning/rehabilitation plan)
6. Field trip/guest speaker critique reports (5 - 8)

### 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.

Homework assignments; field trip/guest speaker critique reports

Writing  
30 - 40%

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

Term project

Problem solving  
20 - 30%

**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.

Quizzes, midterm and final exam

Exams  
30 - 40%

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

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

Equine Canada Stable Management Manual. Mayo, Sarah. Equine Canada. 2009 (classic)

Horsekeeping on a Small Acreage. Hill, Cherry. Storey Publishing. 2005 (classic)

Horse and Stable Management. 4th ed. Brown, Jeremy and Pilliner, Sarah and Davies, Zoe.

Blackwell Publishing. 2003 (classic)

Stablekeeping. Hill, Cherry and Klimesh, Richard. Storey Publishing. 2000 (classic)