

V T 75C: LARGE ANIMAL SKILLS LABORATORY

Foothill College Course Outline of Record

Heading	Value
Units:	1
Hours:	3 laboratory per week (36 total per quarter)
Prerequisite:	V T 75B.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- Students will demonstrate entry level skills in handling horses and goats.
- Make accurate entries into the animals' medical records and demonstrate the ability to write thorough charts by completing the assessment and plan part of the chart, with the help of senior students.

Description

Third in a series of courses on animal care and handling. Focus on large animal species evaluation and nursing care. Physical examination, common procedures, and specialized equipment. Restraint, behavior, and handling of large domestic animals. Opportunity to perform skills on live animals during field trips and on campus. Intended for students in the Veterinary Technology Program; enrollment is limited to students accepted in the program.

Course Objectives

The student will be able to:

- Describe proper restraint techniques of horses, goats, cattle, sheep, and pigs.
- Perform physical examination of horses, cattle, and small ruminants.
- Describe proper biosecurity measures pertaining to barns, farms, and intensive farming.
- Recognize equine feeds and describe proper feeding practices as they relate to equine colic.
- Demonstrate proficiency in the essential large animal skills.
- Describe an equine lameness examination.

Course Content

- Proper restraint techniques of horses, goats, cattle, sheep, and pigs
 - Behavior of prey species
 - Anatomical adaptations of prey
 - Restraint techniques
 - Horse
 - Goat and sheep
 - Cattle
 - Pigs
- Physical examination of horses, cattle, small ruminants
 - History taking specific to each species

- Physical exam
 - Horse
 - Cattle
 - Small ruminant
- Body condition scoring
- Proper biosecurity measures pertaining to barns, farms, and intensive farming
 - Equine
 - Dairy
 - Beef
 - Goat and sheep
 - Fiber
 - Food
 - Milk
 - Pigs
- Recognize equine feeds and describe proper feeding practices as they relate to equine colic
 - Forage
 - Concentrates
 - Equine colic overview
- Large animal skills
 - Injections (SQ, IM, IV)
 - Phlebotomy
 - Bandaging horses
 - Haltering horses and cattle
 - Use of a cattle chute
 - Balling gun and dosing syringe
 - Equine lameness examination

Lab Content

- Practical application of animal care skills and principles of animal care and management using techniques and knowledge learned in the veterinary technology courses
- Practice bandaging on horses during field trips and on models
- Demonstrate restraint of large animal species
- Perform physical examination on horses and ruminants
- Participate in lameness exam on a horse

Special Facilities and/or Equipment

- Housing and restraint facilities for companion animals.
- Horse skeleton and other models.
- Large animal equipment and instruments.

Method(s) of Evaluation

- Evidence of responsibility in carrying out duties, technical competency, accuracy and thoroughness
- Instructor observation and assessment
- Examinations and quizzes
- Presentation on large animal instrument use
- Lab practicum on instrument identification and uses

Method(s) of Instruction

- Discussions
- Field trips
- Demonstrations
- Hands-on practice of essential skills specific to large animal nursing and husbandry
- Canvas is used for homework and communication purposes

Representative Text(s) and Other Materials

Bassett, Joanna M., Angela D. Beal, and Oreta M. Samples. Clinical Textbook For Veterinary Technicians. 9th ed. W. B. Saunders Co., 2018.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

Assignments may include but are not limited to:

- A. Creation of "how to" video on essential skills
- B. Completion of questions on case studies in large animals
- C. Reading required in textbook and from readings assigned in Canvas

Discipline(s)

Registered Veterinary Technician