

VT 203 : LARGE ANIMAL NURSING

Transcript title

Large Animal Nursing

Credits

4

Grading mode

Standard letter grades

Total contact hours

60

Lecture hours

30

Lab hours

30

Prerequisites

VT 111, VT 112, VT 113 and VT 116.

Corequisites

VT 200, VT 201, VT 209, VT 212.

Course Description

Covers common large animal breeds (ruminant, equine, swine, and chickens). Introduces techniques necessary for the provision of nursing care to large animals, including restraint, husbandry, behavior, physical examination, medication administration, diagnostic sample collection, grooming, bandaging, nutrition, and vaccination. Includes animal husbandry experience in the care of large animals.

Course learning outcomes

1. Explain and demonstrate effective and appropriate restraint techniques for large animals.
2. Summarize and perform basic grooming of large animals.
3. Explain and demonstrate procedures used to perform a physical examination on large animals.
4. Summarize appropriate husbandry techniques for optimum health of large animals.
5. Recognize and interpret large animal behaviors and their impact on the provision of nursing care.
6. Explain the nutritional requirements of large animals and common plant toxicities.
7. Explain appropriate vaccine protocols for large animals.
8. Identify materials needed and explain and demonstrate proper techniques for acquiring samples from large animals for diagnostic techniques.
9. Describe and demonstrate proper procedures for administering medications to large animals.
10. Identify common large animal breeds.

Content outline

Lecture I. The Importance of Livestock, Behavior, Safety and restraint
 II. Dairy and Beef Industry III. Bovine Physical Exam and Clinical Procedures IV. Bovine Surgical Procedures V. Rumen Review, Feedstuff
 VI. Equine Behavior Safety, Handling and Restraint, Equine Physical Examination VII. Equine Nutrition VIII. Equine Bandaging, Diagnostic sampling IX. Lameness Exam, Neurologic Exam, Dentistry X. Medication administration, Equine Hospital Care, Admissions, Medical Records
 XI. Exams and Clinical Procedures and Equine Surgery XII. Colic exam and Clinical Procedures XIII. Exams and Clinical Procedures and Equine Surgery XIV. Camelid Safety and Handling XV. Husbandry, Clinical Procedures, Diagnostic Sampling, Nutrition XVI. Porcine Safety and Handling, Husbandry, Clinical Procedures, Diagnostic Sampling, Nutrition XVII. Caprine/Ovine Safety and Handling, Husbandry, Clinical Procedures, Diagnostic Sampling, Nutrition XVIII. Livestock Reproduction- Breeding XIX. Livestock Reproduction- Estrus Cycle, Live Cover, Artificial Insemination, Embryo Transfer, Other related Procedures XX. Livestock Reproduction- Gestation, Parturition XXI. Large Animal Neonatology XXII. Porcine Safety and Handling, Husbandry, Clinical Procedures, Diagnostic Sampling, Nutrition Lab I. Lab Orientation Biosecurity Procedures Cattle Breeds/Colors Husbandry Behavior, Safety, and Handling Cattle Chute Operation Restraint Ropes and Knot Tying Forms and Records II. Bovine Restraint Physical Exam Diagnostic Sampling Knot Tying Vaccinations/Deworming III. Bovine Restraint Physical Exam Mastitis Testing Vaccinations/Deworming Medication Administration • SQ Injection • Balling Gun • Knot Tying • Castrations IV. Equine Identification/ Colors/Markings Behavior, Safety and Handling Halter and Lead Rope Grooming Husbandry Physical Restraint Techniques Forms and Records V. Physical Exam Leg and Tail Wraps Diagnostic Sampling VI. Physical Exam Diagnostic Sampling Medication Administration • Dosing Syringe • IM Injection VI. Hospital Procedures Lameness Exam Dental Floats Reproductive Exam Neonatal Care VII. Llama Identification Husbandry Behavior, Restraint and Handling Halter and Lead Physical Exam Diagnostic Sampling VIII. Caprine Identification Husbandry Behavior, Restraint and Handling Halter and Lead Physical Exam Diagnostic Sampling Medication Administration

Required materials

Textbook, clean coveralls, boots that can be disinfected with dilute bleach, rubber boots are great, stethoscope, watch with second hand, bandage scissors, large animal thermometer, COCC name tag, work gloves (recommended but not required).