Miami Dade College

Course Competency

ATE 2636 LARGE ANIMAL CLINIC AND NURSING SKILLS

Course Description

This course is designed to acquaint the student with the fundamentals of large animal herd management, reproductive physiology and lactation physiology. Aspects of equine, bovine, ovine and porcine husbandry will be included. Prerequisites:ATE 1110, 1211 corequisite; ATE 2636L. (2 hr. lecture)

Course Competency	Learning Outcomes
Competency 1: The student will demonstrate knowledge of handling and restraining techniques common to large animal species: horses, cattle, pigs, sheep and goats by:	1. Communication 2. Critical thinking 3. Environmental Responsibility
1. Operating various restraining devices. 2. Comparing and contrasting the restraining methods. 3. Displaying safe and identifying unsafe procedures to be observed during large animal restraint	
Competency 2: The student will demonstrate knowledge of large animal species nursing care and husbandry by:	
1. Identifying common breeds, including common faults. 2. Explaining the ways in which these breeds are used. 3. Demonstrating the management guidelines for different large animal species including physiological data, normal values feeding, housing, reproduction and disease control. 4. Enumerating the different protocols regarding care of newborns, impending signs of distress and monitoring the suckling response. 5. Explaining the rationale of cost of treatment versus animal value that determines whether therapy is instituted	

and to what extent. 6. Examining the difference and similarities of reproductive physiology of large animal species. 7. Describing techniques for venipuncture, injections and administration of oral medications.	
Competency 3: The student will demonstrate knowledge of various types of identification methods for large animals by:	
1. Identifying and understanding the process of tattooing, tagging, photo identification, and micro-chipping.	

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