

Course Competency

ATE 2661 LARGE ANIMAL DISEASE

Course Description

This course is designed to acquaint the student with the fundamentals of preventative medicine and with the common disease seen in large animal species. Aspects of equine, bovine, ovine and porcine diseases and common treatments will be emphasized. (1 hr. lecture) Prerequisites: ATE 1110,2636, 2636L; corequisite: ATE 2611. (1 hr. lecture)

Course Competency	Learning Outcomes
<p>Competency 1:The student will recognize major diseases of horses, cattle, pigs, sheep, goats and citing the geographical distribution when applicable by:</p>	<ol style="list-style-type: none"> 1. Communication 2. Computer / Technology Usage 3. Critical thinking 4. Environmental Responsibility 5. Cultural / Global Perspective
<ol style="list-style-type: none"> 1. Recognizing diseases associated with horses, cattle, goats and pigs. 2. Demonstrating knowledge of clinical signs of various diseases. 3. Discussing geographically areas where diseases are commonly seen. 	
<p>Competency 2:The student will understand the diagnostic and treatment requirements for diseases associated with large animals by:</p>	
<ol style="list-style-type: none"> 1. Demonstrating knowledge of the major diseases of horses, cattle, pigs, sheep and goats and citing the geographical distribution when applicable. 2. Defining the etiology, epidemiology, morbidity, mortality and zoonoses of diseases when applicable. 3. Demonstrating knowledge of the the diagnostic requirements for various diseases. 4. Demonstrating knowledge of the treatment options for the various diseases. 	

<ol style="list-style-type: none"> 5. Communicating the diagnostic plans and treatment options to the large animal client. 6. Demonstrating knowledge of vaccines and other preventions to control infection rates. 	
<p>Competency 3: The student will recognize large animal zoonotic diseases and diseases that must be reported to the USDA by:</p>	
<ol style="list-style-type: none"> 1. Demonstrating knowledge of zoonotic diseases and their effect on the agricultural industry. 2. Recognizing the potential harm that zoonotic diseases can cause. 3. Demonstrating knowledge of diseases that are reportable to the USDA. 	

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