

Discipline: Agriculture	Sub-discipline: Veterinary Technician
General Course Title: Small Animal Health and Disease	Min. Units: 3 Semester
Proposed Suffix:	
<p>Course Description:</p> <p>This course is designed to fulfill one area of study for the requirement for a registered veterinary technician. Disease recognition, transmission control, hospital sanitation and sterilization procedures. Zoonoses. Awareness and protection. Microbiology of bacterial, viral and fungal infections, chemical disinfectant handling. Basic emergency recognition and care.</p>	
Required Prerequisites or Co-Requisites ¹	
Advisories/Recommended Preparation ²	
<p>Course Objectives: <i>At the conclusion of this course, the student should be able to:</i></p> <ul style="list-style-type: none"> • Evaluate different sanitation procedures for effectiveness. • Explain how to prevent transmission of infectious diseases from one animal to the next. • Identify and recognize zoonotic diseases and their symptoms. • Identify and stabilize a patient showing signs of trauma, shock, heat prostration, poisoning and status epilepticus. • Administer CPR. • Stabilize a patient with respiratory distress. • Treat a patient bleeding profusely from a peripheral vessel. • Identify different employee's safety and injury reports. • Discuss MSDS and OSHA requirements regarding common disinfectants. • Identify common infectious diseases presented to the small animal veterinary clinic. • Describe and identify basic small animal nutrition components. • Indicate signs of normal behavior in animals. • Describe causes of common pet behavioral problems and explain methods/procedures to prevent behavioral problems. 	
<p>Course Content:</p> <ol style="list-style-type: none"> 1. Sanitation Evaluation <ol style="list-style-type: none"> a. Product selection b. Appropriate selection c. Disposal d. MSDS and OSHA requirements 3. Common Diseases <ol style="list-style-type: none"> a. Identify b. Control c. Prevention d. Treatment 4. Zoonotic Disease <ol style="list-style-type: none"> a. Transmission b. Prevention c. State and Federal Regulations <p>Small Animal Health and Disease (Content Continued)</p>	

¹ Prerequisite or co-requisite course need to be validated at the CCC level in accordance with Title 5 regulations; co-requisites for CCCs are the linked courses that must be taken at the same time as the primary or target course.

² Advisories or recommended preparation will not require validation but are recommendations to be considered by the student prior to enrolling.

- 5. Signs of respiratory distress in animals
 - a. Administering CPR and oxygen
 - b. Endotracheal tube
 - c. Cardiac massage
 - d. Pharmacological agents and their function
 - e. ECG Monitor

- 8. Trauma & Shock
 - a. Evaluate vital signs
 - b. Causes
 - c. Treatments

- 9. Heat prostration
 - a. Symptoms and signs
 - b. Treatment

- 10. Small Animal Nutrition
 - a. Components
 - b. Brand names
 - c. Facts for advising clients

- 11. Normal behavior
 - a. Developmental stages
 - b. Species specific behavior
 - c. Sexually-related behavior
 - d. Signs of stress

- 12. Behavioral problems
 - a. Causes
 - b. Effects of nutrition, exercise and neutering

Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.

Methods of Evaluation: Lecture
 Comprehensive Quizzes and Exams
 Written Critical Thinking Scenarios
 Problem Analysis and Solution
 Research and Term Papers

Methods of Evaluation: Laboratory
 Laboratory Skill Validation by Observation
 Laboratory Reports
 Diagnoses and Problem Solving
 Laboratory Skill Practicum
 Certification Exams

Typical Textbooks, Manuals, or Other Support Materials
Clinical Textbook for Veterinary Technicians, McCurnin, Dennis M., D.V.M.M.S., 4th Edition, W.B. Saunders, 1999
Emergency Procedures for the Small Animal Veterinarian, Plunkett, Signe J., D.V.M., 2nd Edition, W.B. Saunders, 2001
Don't Shoot The Dog Pryor, Karen, 3rd Edition, Bantam Doubleday 1999
Pathology & Parasitology for Veterinary Technicians, Shapiro, Leland S., Thomson Delmar Learning, 2005
Common Diseases of Companion Animals, Summers, Alleice, D.V.M., M.S. Mosby, 2002

Statewide Articulation: Under review

FDRG Lead Signature:

Date:

Mark E. Bender, PhD CSU Stanislaus

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Internal Tracking Number

