

Discipline: Agriculture	Sub-discipline: Veterinary Technician																
General Course Title: Veterinary Animal Nursing	Min. Units: 3 Semester																
Proposed Suffix:																	
<p>Course Description: Basic veterinary nursing procedures including animal restrain, administration of medication, catheterization, vaccination techniques, bathing, bandaging and performing minor medical procedures.</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"> • Demonstrate appropriate restraint techniques for various small animals. • Demonstrate methods of administration of medication. • Select, insert and secure an indwelling catheter. • Administer fluid therapy by various approved methods. • Demonstrate vaccination techniques. • Select and demonstrate the proper use of disinfectants and antiseptics. • Demonstrate giving a therapeutic bath and applying insecticidal agents. • Administer topical ophthalmic medication and stain an eye to detect corneal injuries. • Examine, sample and clean an ear. • Clean an abscess or contaminated wound using accepted procedure. • Perform various minor medical procedures including: nail trimming, trimming/floating teeth, removing sutures, trim wings, express/infuse anal glands. • Take a blood sample and perform a blood transfusion. • Apply and maintain a bandage and a splint. • Euthanize an animal patient. 																	
<p>Course Content:</p> <ol style="list-style-type: none"> 1. Restraint <ol style="list-style-type: none"> a. Identify and practice restraint for the following species: <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Amphibians</td> <td style="width: 25%;">Dogs</td> <td style="width: 25%;">Llamas</td> <td style="width: 25%;">Rodents</td> </tr> <tr> <td>Avians</td> <td>Goats</td> <td>Rabbits</td> <td>Pigs</td> </tr> <tr> <td>Cats</td> <td>Horses</td> <td>Reptiles</td> <td>Sheep</td> </tr> <tr> <td>Cattle</td> <td>Primates</td> <td></td> <td></td> </tr> </table> 2. Administer various forms of medication <ol style="list-style-type: none"> a. Oral b. IV, Sub Q, IM, ID, IP c. Problems with improper administration of medication 3. Catheterization <ol style="list-style-type: none"> a. Necessary equipment b. Proper site c. Insertion and securing, monitoring <p>Veterinary Animal Nursing (Content Continued)</p> <ol style="list-style-type: none"> 4. Fluid therapy <ol style="list-style-type: none"> a. IV with indwelling catheter 		Amphibians	Dogs	Llamas	Rodents	Avians	Goats	Rabbits	Pigs	Cats	Horses	Reptiles	Sheep	Cattle	Primates		
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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.

- b. Dosage/flow calculation
- c. Monitoring flow/vital signs
- d. Sub Q fluid therapy
- e. Site preparation/proper volume

5. Vaccination

- a. Types of vaccines
- b. Methods of administration
- c. Proper technique/dose
- d. Vaccination schedule

6. Therapeutic baths/insecticidal agents

- a. Select an agent and a concentration appropriate for the circumstances
- b. Protect eyes and ears
- c. Identify toxic reactions and respond appropriately
- d. Personnel protection

7. Disinfectants and antiseptics

- a. Characteristics and uses of various disinfectant/antiseptic products

8. Ophthalmic medication

- a. Select appropriate medication
- b. Procedure for detecting corneal injuries
- c. Properly apply medication

9. Ear hygiene

- a. Examine ears using an otoscope
- b. Identify abnormalities
- c. Obtain a specimen for examination or culture
- d. Clean/medicate ears

10. Cleaning infected wounds

- a. Prepare and clean affected area
- b. Drain/flush abscess
- c. Establish a drain

11. Minor medical procedures

- a. Trim nails, hooves
- b. Express/infuse anal sacs
- c. Trim wings/beaks
- d. Trim/float teeth
- e. Remove Sutures

12. Collect transfuse blood

- a. Take a blood sample
- b. Equipment required to collect, transfuse blood
- c. Screening donors
- d. Collecting and transfusing
- e. Adverse effects

**Veterinary Animal Nursing
(Content Continued)**

13. Bandages and splints

- a. Assemble necessary materials for bandages and splints
- b. Bandaging technique
- c. Evaluating and trouble-shooting bandages

<ul style="list-style-type: none"> d. Types of splints-Mason metasplint, Thomas splint, spica e. Evaluating and trouble-shooting splints <p>14. Euthanasia</p> <ul style="list-style-type: none"> a. Client release forms b. Pharmacological agents and methods used c. Safe and effective administration d. Client grieving <p>Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.</p>	
<p>Methods of Evaluation: Lecture Comprehensive Quizzes and Exams Written Critical Thinking Scenarios Problem Analysis and Solution Research and Term Papers</p>	<p>Methods of Evaluation: Laboratory Laboratory Skill Validation by Observation Laboratory Reports Diagnoses and Problem Solving Laboratory Skill Practicum Certification Exams</p>
<p>Typical Textbooks, Manuals, or Other Support Materials</p> <p><u>Exotic Animal Medicine for the Veterinary Technician</u>, Ballard, Bonnie, D.V.M., and Cheek, Ryan, R.V.T., Blackwell, 2003</p> <p><u>Small Animal Emergency and Critical Care</u>, Battaglia, Andrea M., W. B. Saunders, 2001</p> <p><u>Clinical Textbook for Veterinary Technicians</u>, McCurnin, Dennis M., D.V.M.M.S., 4th Edition, W. B. Saunders, 1998</p> <p><u>Fluid Therapy for Veterinary Nurses and Technicians</u>, Moore, Paula, Butterworth Heinemann, 2004</p>	
<p>Statewide Articulation: Under review</p>	
<p>FDRG Lead Signature: _____ Date: _____</p>	
<p>Mark E. Bender, PhD CSU Stanislaus</p>	
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