

ANHLT 120 Course Outline as of Summer 2006**CATALOG INFORMATION**

Dept and Nbr: ANHLT 120 Title: SML ANIML VET ASSIST/NUR

Full Title: Small Animal Veterinary Assistance and Nursing

Last Reviewed: 11/9/2020

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

Lecture and demonstration of small animal veterinary assistance and nursing procedures. Covers basic emergency and preventive health care, nutrition, medication and fluid administration, animal behavior, animal handling and restraint for veterinary procedures, and record keeping for application in a small animal veterinary clinic.

Prerequisites/Corequisites:

Course Completion of ANHLT 110 (or AG 167.5 or AG 280.79)

Recommended Preparation:

Course Eligibility for ENGL 100 and Course Completion of CSKLS 371 (or CSKL 371 or ACS 371) OR Course Eligibility for EMLS 100 (or ESL 100)

Limits on Enrollment:**Schedule of Classes Information:**

Description: Lecture and demonstration of small animal veterinary assistance and nursing procedures. Covers basic emergency and preventive health care, nutrition, medication and fluid administration, animal behavior, animal handling and restraint for veterinary procedures, and veterinary clinic record keeping. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion of ANHLT 110 (or AG 167.5 or AG 280.79)
Recommended: Course Eligibility for ENGL 100 and Course Completion of CSKLS 371 (or CSKL 371 or ACS 371) OR Course Eligibility for EMLS 100 (or ESL 100)

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:		Effective:	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:

Upon completion of this course the student will be able to:

1. Discuss animal behavior and recommend appropriate safety precautions and basic behavior problem interventions.
2. Employ proper techniques for restraint of small animals.
3. Describe the process of performing physical examinations on dogs and cats.
4. Describe proper procedures for inserting IV (intravenous) catheters.
5. Describe proper procedures for blood sample collecting.
6. Discuss proper vaccination protocols.
7. Describe proper procedures for subcutaneous and intramuscular injections.
8. Describe how to monitor vital signs and apply basic nursing skills in the treatment of common diseases.
9. Describe advantages of and proper procedures for administering a variety of forms of medications.
10. Discuss basic nutritional needs at different life stages for dogs and cats and nutritional compensation in certain disease states.
11. Recognize common and life-threatening small animal medical emergencies.
12. Apply proper medical records protocols in the clinical setting.
13. Perform basic medical calculations pertaining to drug doses and fluid therapy.
14. Discuss situations in which euthanasia may be appropriate and assist the veterinarian in the process.
15. Assist clients with the grief process in a veterinary clinic setting.

Topics and Scope:

I. Introduction

- A. Small animals
- B. Medical records and protocols

II. Animal Learning and Behavior

- A. Normal
- B. Puppy training
- C. Common pet behavior problems and interventions

III. Standard Methods of Small Animal Restraint

- A. Dog
- B. Cat
- C. Rabbit
- D. Ferret
- E. Reptile
- F. Pocket pets

IV. Basics of the Physical Exam

- A. Systems of the body
- B. Procedures
- C. Assisting the vet during a physical exam

V. Immunology and Vaccination

- A. Protocols
- B. Intranasal vaccines
- C. Client education

VI. Medication Administration

- A. Pills
- B. Liquids
- C. Cream
- D. Ointments

VII. Injectables

- A. Routine injections
 - 1. Subcutaneous
 - 2. Intramuscular
- B. Venipuncture
 - 1. Collecting blood samples
 - 2. Placing IV (intravenous) catheters
 - 3. IV fluid administration
 - a. IV drip monitoring
 - b. Calculating drip rates

VIII. Small Animal Nursing

- A. Monitoring vital signs
- B. Sample collections
 - 1. Blood
 - 2. Urine
 - 3. Feces
 - 4. Ear swabs
 - 5. Skin scrapings
- C. Selected disease and treatments

IX. Basic Emergency Care

- A. Common emergencies
- B. ABCs of resuscitation

- C. Triage
- D. First aid
- E. Bandaging
- X. Special Needs Patients
 - A. Neonates
 - B. Geriatric patients
 - C. Special needs and disease processes
- XI. Nutrition
 - A. Nutrients
 - 1. Carbohydrates
 - 2. Proteins
 - 3. Lipids
 - 4. When to supplement
 - B. Nutrition for various life stages
 - 1. Growth
 - 2. Maintenance
 - 3. Gestation
 - 4. Lactation
 - 5. Work
 - 6. Geriatric
 - 7. Specific disease states
- XII. Euthanasia
 - A. Reasons for
 - B. Recommended procedures
 - C. How to assist the veterinarian
 - D. Understanding and assisting the pet owner's grief process
- XIII. Relevant Workplace Safety and Occupational Health Hazards
- XIV. Medical Terminology
 - A. Terminology for medical calculations
 - B. Terminology for relevant anatomy
 - C. Terminology for basic principles of chemistry
 - D. Terminology for relevant biochemistry principles
 - E. Terminology for relevant physiology
- XV. Husbandry and Medical Care for Other Species
 - A. Birds
 - B. Pocket pets
 - C. Exotic reptiles
 - D. Other

Assignment:

Representative assignments:

1. Reading from text and handouts: 20- 40 pages per week.
2. Answer study questions from text (approx. 20 per week) and/or weekly quizzes.
3. Unit exams (2-3 including final exam).
4. Oral presentation on a selected topic in veterinary nursing (10 - 15 minute presentation).

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments are more appropriate for this course.

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Study questions.

Problem solving
20 - 30%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations
0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Short answer.

Exams
50 - 65%

Other: Includes any assessment tools that do not logically fit into the above categories.

Oral presentation.

Other Category
10 - 20%

Representative Textbooks and Materials:

1. Clinical Textbook for Veterinary Technicians. Dennis M. McCurnin, Joanna Bassert, D.V.M., M.S. WB Saunders Company, Sixth Edition, 2005.
2. Saunders Comprehensive Veterinary Dictionary. D.C. Blood and V.P. Studdert. WB Saunders Company, 2nd ed., 1999.
3. Instructor prepared materials.