

**ANHLT 120 Course Outline as of Fall 2014****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	8	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 50 or ANHLT 110

**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100 and Course Completion of MATH 150A

**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 record keeping for application in a small animal veterinary clinic. (Grade or P/NP)

Prerequisites/Corequisites: Course Completion of ANHLT 50 or ANHLT 110

Recommended: Eligibility for ENGL 100 or ESL 100 and Course Completion of MATH 150A  
Limits on Enrollment:  
Transfer Credit:  
Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Describe and demonstrate the proper handling and techniques for routine veterinary exams, emergency triage and common diagnostic procedures.
2. Describe and discuss routine preventative care including vaccinations, nutritional support, and age related medical needs.
3. Discuss and demonstrate the preparation and protocols for common hospitalized patient support procedures including recumbency care, intravenous catheterization, general emergency care, and euthanasia.

### **Objectives:**

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

- 1) Discuss animal behavior and recommend appropriate safety precautions.
- 2) Employ proper techniques for restraint of small animals.
- 3) Perform and describe the process of a basic physical exam including vital sign monitoring.
- 4) Describe and evaluate proper technique for inserting IV catheters.
- 5) Discuss proper preventative medicine protocols including vaccination .
- 6) Describe proper procedures and advantages for common routes of medication administration including oral, subcutaneous, intramuscular and topical medication administration.
- 7) Discuss basic nutritional needs of domestic companion animals including during differing life stages, medical conditions, and for weight loss.
- 8) Recognize and prepare for common life threatening small animal medical emergencies.
- 9) Apply proper medical records protocol in a clinical setting.
- 10) Describe considerations when developing a fluid therapy plan and discuss the attributes of fluid products.
- 11) Demonstrate hydration assessment of canine and feline patients.
- 12) Discuss euthanasia including appropriate indications for euthanasia, assisting the

veterinarian in the process.

13) Describe the normal grieving process, and assist clients with grieving.

14) Perform basic bandaging and splints.

15) Describe and evaluate the placement of common splints, slings and casts.

16) Discuss and prepare for the needs of hospitalized and recumbent patients.

### **Topics and Scope:**

- 1) Medical record keeping
  - a. Signalment and Medical History
  - b. Subjective-Objective Assessment Plan (SOAP) format
  - c. Laws and recording protocols
- 2) Patient Restraint
  - a. Canine techniques
  - b. Feline techniques
  - c. Behavioral assessment and handling safety
  - d. Muzzles and restraint equipment
  - e. Restraint/directional terminology
- 3) Physical examination
  - a. Body systems based examination
  - b. Vital sign assessment including Auscultation
  - c. Hydration assessment
  - d. Handling to assist with examination or sample collection
- 4) Preventative medicine
  - a. Preventable diseases
  - b. Vaccination protocols
  - c. Vaccination handling and administration
  - d. Client education
- 5) Medication Administration
  - a. Medication preparation
  - b. Forms of medication
  - c. Drug dosage calculations
  - d. Subcutaneous administration
  - e. Intramuscular administration
  - f. Intravenous administration
- 6) Fluid therapy
  - a. Patient fluid balance
  - b. Routes of administration
  - c. Fluid calculations
  - d. Administration sets and pumps
  - e. Patient hydration monitoring
- 7) Intravenous catheters
  - a. Relevant vascular anatomy
  - b. Catheter insertion and securing technique
  - c. Catheter monitoring and maintenance
- 8) Emergency Care
  - a. Emergency Recognition
  - b. Triage exam and prioritization
  - c. Common emergency interventions
  - d. First aid
  - e. CardioPulmonary Cerebral Resuscitation
- 9) Bandaging, splinting and casting

- a. Wound healing
  - b. Wound assessment and initial treatment
  - c. Bandage components and supplies
  - d. Basic bandage application
  - e. Splint and cast application
  - f. Slings and specialized bandage application
- 10) Special needs patients
- a. Recumbency care
  - b. Neonatal care
  - c. Geriatric care
- 11) Nutrition
- a. Labels and manufacturer regulations
  - b. Nutrients and common ingredients
  - c. Nutritional needs based on life stage
  - d. Nutritional needs based on disease status
- 12) Euthanasia
- a. Quality of life assessment
  - b. Recommended procedures and assisting the veterinarian
  - c. Grief process and assisting the client

### Assignment:

1. Reading in texts and handouts (20-40 pages/week)
2. Completing mock medical records and self evaluation exercises in text, including study questions
3. Two calculation worksheets
4. Creation and evaluation of client education materials and hospital protocols
5. Presentations on preventative and therapeutic veterinary procedures
6. Observations in clinical settings
7. Participation: patient handling and restraint, physical examinations, vaccinations and medication administration, client communication and patient discussion
8. Midterms (up to 2) and final exam

### 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.

Medical protocols, client education handouts, clinical observation summaries, medical record completion

Writing  
10 - 10%

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

Calculation worksheets, study questions, critiquing medical protocols

Problem solving  
20 - 20%

**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.

Exams: multiple choice, true/false, matching items, essay questions

Exams  
50 - 50%

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

Clinical observations, oral presentations, participation

Other Category  
20 - 20%

**Representative Textbooks and Materials:**

McCurnin's Clinical Textbook for Veterinary Technicians by Joanna M. Bassert VMD and Dennis M. McCurnin DVM MS Dipl ACV. Published by: Saunders, 8th ed, 2013