

## **ANSC:153L Companion Animal Nursing Lab**

Mondays (CRN 64328) 8:30 am – 11:15 am or Wednesdays (CRN 64331) 2:30 - 5:15 pm

**INSTRUCTOR:** Matthew Tsuda

**OFFICE:** Hale Imiloa 1 or Hale Kako'o 125

**OFFICE HOURS:** Wednesday 1:00 - 2:00 pm or by appointment

**TELEPHONE:** 808-343-7507

**EMAIL:** mtttsuda@hawaii.edu

**EFFECTIVE DATE:** Spring 2017

### **WINDWARD COMMUNITY COLLEGE MISSION STATEMENT**

*Windward Community College offers innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai'i and its unique heritage. With a special commitment to support the access and educational needs of Native Hawaiians, we provide O'ahu's Ko'olau region and beyond with liberal arts, career and lifelong learning in a supportive and challenging environment — inspiring students to excellence.*

### **CATALOG DESCRIPTION**

This course provides students with hands-on training in basic companion animal exam and nursing skills. Topics include: animal restraint methods, medical charting and patient exam procedures, specimen collection, administration of medications, grooming and husbandry. This course is intended for students entering veterinary technology, veterinary assisting or other animal-related fields (3 hours laboratory)

Pre-Requisite(s): Credit for or registration in ANSC 153

### **STUDENT LEARNING OUTCOMES**

The student learning outcomes for the course are:

1. Safely and effectively restrain companion animals
2. Gather subjective and objective patient information efficiently
3. Perform venipuncture and collect diagnostic samples of skin, blood, urine, and feces
4. Perform basic grooming such as bathing, nail trims, and ear cleaning
5. Apply emergency splints and bandages & administer medications by various routes (IV, IM, SQ, & PO).

## COURSE CONTENT

### Concepts or Topics

- Implement proper husbandry and housing techniques
- Perform proper restraint
- Obtain subjective and objective patient information
- Properly bathe, perform nail trims, and ear cleanings on dogs and cats
- Administer medications (oral, topical, and injectable)
- Perform cephalic, saphenous, and jugular venipuncture on dogs
- Perform cephalic, saphenous, and jugular venipuncture on cats
- Place and maintain IV catheters
- Collect diagnostic specimens including blood, urine, feces, and ear and skin samples

## COURSE TASKS

- 1) Attend class at scheduled times
- 2) Participate in lab activities
- 3) Complete reading assignments **before** class
- 4) Complete two in class practicums
- 5) Complete 20 hours of kennel duty on campus and 40 hours of service learning at an animal shelter at scheduled times
- 6) Complete the lab notebook

## ASSESSMENT TASKS AND GRADING

LAB NOTEBOOK (100 points). Each student must maintain a lab notebook with completed lab handouts, this will be turned and graded at each practicum. If lab activities are not completed then the student will receive “0” points for the notebook. The layout for the notebook will be discussed in class.

LAB PRACTICUMS (240 points total - 120 points for each practicum). The student will take 2 lab practicums (cumulative!) to demonstrate knowledge and understanding of information presented in lab activities.

SERVICE LEARNING (40 points) AND KENNEL DUTY (20 points). Students are expected to complete 40 hours at one instructor approved Animal Shelter (OSPCA) and 20 hours caring for the nursing/surgery animals in Imiloa. Grading will be based on performance in class and completion of check off lists from shelter. Details will be discussed in class.

PARTICIPATION (100 points). Students will be given participation points in each lab. If a student is unprepared, the student will receive “0” points for the lab. In addition, students who do not work well in groups and/or do not engage in lab, show little or no motivation and/or are not proactive, will get points deducted at the instructor’s discretion.

## ATTENDANCE POLICY

Attendance is mandatory and defined as being present in class for at least 75% of the class period.

If the student misses a lab (or a lab practicum) because of an illness or legitimate emergency, the student must contact the instructor **within 48 hours** and present evidence of the illness or emergency that caused the student to miss the lab.

The student is **only** allowed **one excused absence**. If the student misses a lab unexcused, the student will receive an "F" grade for the course.

Because most laboratory sessions require special equipment and preparation, make-up labs will NOT be given.

While make-up practicums will cover the same content area as a missed practicum, the format and specific questions may be different. **No retests will be given for any reason.**

## METHOD OF GRADING

The assignments of points will be according to the following:

Participation	100 points
Lab Notebook	100 points
Practicums (2 x 120)	240 points
Kennel Duty	20 points
<u>Service Learning</u>	<u>40 points</u>
<b>TOTAL</b>	<b>500 Points</b>

## GRADING SCALE

<b>Total Points</b>	<b>Percentage Points</b>	<b>Grade</b>
447-500	90-100	A
397-446	80-89	B
347-396	70-79	C
297-346	60-69	D
<296	0-59	F

Grades may be curved at the instructor's discretion; however, the student should use the above grading scale to evaluate their performance throughout the class.

## LEARNING RESOURCES

1. ANSC 153L Lab Manual, Windward Community College, Spring 2017.
2. Animal Restraint for Veterinary Professionals, Second Edition; Shelton, C.C., Sonsthagen, Teresa, and Topel, James A., Mosby Elsevier, St. Louis, MO. 2017
3. McCurnin's Clinical Textbook for Veterinary Technicians. Bassert, Joanna M, and McCurnin, Dennis M. 8<sup>th</sup> Edition, Saunders Elsevier, St. Louis, MO

## REQUIRED MATERIALS FOR LAB (These items must be purchased during the first week of lab)

1. 3 ring binder (to assemble handouts)
2. Clip board
3. Black inked pens and yellow highlighter

## LAB ATTIRE, CONDUCT, AND HYGIENE

Because this lab involves the use of hazardous materials, students **MUST** wear close-toed shoes. In addition, some lab activities will require students to wear gloves and safety glasses (provided by college). Students failing to dress appropriately for lab will not be permitted to participate in laboratory exercises and will be considered **absent**. Students engaged in conduct that threatens themselves or others in the lab will be refused access to the lab for the remainder of the semester and receive an “F” grade for the course. **Students who behave in a reckless, inhumane, or unsafe manner will receive an “F” grade and be barred from attending future classes.**

## LAB SAFETY RULES

- 1) Be familiar with lab safety procedures and take appropriate precautions at all times to insure the safety of all lab students.
- 2) Follow all instructions carefully, especially when hazardous materials are being used.
- 3) Know the locations of important safety equipment: eyewash, safety shower, fire extinguisher, and first aid kit.
- 4) Report all injuries to the instructor immediately.
- 5) Dress appropriately for lab. Closed toe shoes are required for ALL labs. Safety glasses and gloves are required for labs utilizing chemicals, bodily fluids, or hot-plates.
- 6) Report any hazardous conditions (e.g. chemical spills or broken glass) to the instructor immediately.
- 7) NO FOOD ALLOWED IN LAB.
- 8) Chemicals used in lab may be poisonous, corrosive, or flammable. No chemicals, even those known to be safe, should be ingested or touched with un-gloved hands unless you are specifically directed to do so by your instructor.
- 9) Know how to safely operate all lab equipment and tools (e.g., microscopes, scalpels, and hematology supplies). Your instructor will demonstrate safe usage.
- 10) Clean all lab supplies and return them to their proper location before leaving lab.
- 11) Treat all organisms, living or dead, with care and respect. Use gloves when handling dissected specimens.
- 12) Place broken glass, sharps, and dissected specimens in the appropriate receptacles (NOT IN THE TRASH!)
- 13) Unless otherwise instructed, chemical wastes should NOT be disposed of down the drain.
- 14) Human tissues and bodily fluids (e.g., saliva and blood) must be disposed of in appropriate biohazard containers (NOT IN THE TRASH!)
- 15) Wash your hands immediately following each lab to reduce the possibility of contamination or infection.

## DISABILITIES ACCOMMODATION STATEMENT

*If you have a physical, sensory, health, cognitive, or mental health disability that could limit your ability to fully participate in this class, you are encouraged to contact the Disability Specialist Counselor to discuss reasonable accommodations that will help you succeed in this class. Ann Lemke can be reached at 235-7448, [lemke@hawaii.edu](mailto:lemke@hawaii.edu), or you may stop by Hale ‘Akoakoa 213 for more information.*

Week	Date	Tue/Thu	Wed/Thu	Mon Lab	Tue Lab	Wed Lab
1	Jan 9	T: Course intro R: Dog Behavior	W: Course intro R: Dog Behavior	Course intro, kennel duty, vet tech annex CH 6	Course intro, kennel duty, vet tech annex CH 6	Course intro, kennel duty, vet tech annex CH 6
2	Jan 16	T: Cat Behavior R: History and PE	W: Cat Behavior R: History and PE	HOLIDAY	Restraint CH4&5 (Animal Restraint Book)	Restraint CH4&5 (Animal Restraint Book)
3	Jan 23	T: CH19 Nursing & SOAPs R: SOAPs (Rockett book)	W: CH19 Nursing & SOAPs R: SOAPs (Rockett book)	Restraint CH4&5 (Animal Restraint Book) DOGS & CATS: restraint, PE	DOGS & CATS: restraint, PE	DOGS & CATS: restraint, PE
4	Jan 30	T: CH 18 Administering Meds R: CH 18 Sample Collection	W: CH 18 Administering Meds R: CH 18 Sample Collection	DOGS & CATS: restraint, PE, nails, ears, anal glands	DOGS & CATS: restraint, PE, nails, ears, anal glands	DOGS & CATS: restraint, PE, nails, ears, anal glands
5	Feb 6	T: REVIEW R: EXAM 1	W: REVIEW R: EXAM 1	Administering medications	Administering medications	Administering medications
6	Feb 13	T: CH 11 Reproduction CH21 Neonates R: CH35 Geriatric Care	W: CH 11 Reproduction CH21 Neonates R: CH35 Geriatric Care	Sample collection	Sample collection	Sample collection
7	Feb 20	T: CH8 Preventat, Health R: CH8 Preventat, Health	W: CH8 Preventat, Health R: CH8 Preventat, Health	HOLIDAY	OPEN LAB FOR ALL SECTIONS	OPEN LAB FOR ALL SECTION
8	Feb 27	T: CH25 Emergency R: CH25 Emergency	W: CH25 Emergency R: CH25 Emergency	Practicum 1	Practicum 1	Practicum 1
9	Mar 6	T: CH26 Bandaging R: CH26 Bandaging	W: CH26 Bandaging R: CH26 Bandaging	Venipuncture	Venipuncture	Venipuncture
10	Mar 13	T: CH24 Fluids R: CH23 PT, Rehab, Alt medicine	W: CH24 Fluids R: CH23 PT, Rehab, Alt medicine	Venipuncture	Venipuncture	Venipuncture
11	Mar 20	T: REVIEW R: EXAM 2	W: REVIEW R: EXAM 2	Emergency skills, CPR	Emergency skills, CPR	Emergency skills, CPR
12	Mar 27	SPRING BREAK	SPRING BREAK	SPRING BREAK	SPRING BREAK	SPRING BREAK
13	Apr 3	T: Nutrition R: Nutrition	W: Nutrition R: Nutrition	Bandaging	Bandaging	Bandaging
14	Apr 10	T: Nutrition R: Nutrition	W: Nutrition R: Nutrition	Bandaging	Bandaging	Bandaging
15	Apr 17	T: Nutrition R: Nutrition	W: Nutrition R: Nutrition	IV Catheters	IV Catheters	IV Catheters
16	Apr 24	T: Nutrition R: Nutrition	W: Nutrition R: Nutrition	Skills practice	Skills practice	Skills practice
17	May 1	T: Nutrition R: REVIEW	W: Nutrition R: REVIEW	Skills practice	Skills practice	Skills practice
18	May 8	EXAM 3	EXAM 3	FINAL EXAMS	FINAL EXAMS	FINAL EXAMS

