



UNIVERSITY of HAWAII®
WINDWARD
COMMUNITY COLLEGE

ANSC 153L: Companion Animal Nursing Lab

Credits: 1 CRN: 64334

F: 1:00-3:45pm

INSTRUCTOR: Matthew Tsuda

OFFICE: Hale Imiloa 104

OFFICE HOURS: M: 1:00-2:00pm

TELEPHONE: 808-343-7507 **EMAIL:** mtttsuda@hawaii.edu

EFFECTIVE DATE: Spring 2023

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 the Ko'olau region of O'ahu 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 lecture

STUDENT LEARNING OUTCOMES

As a result of taking this course, students can expect to attain the following outcomes:

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).

ASSESSMENT TASKS AND GRADING

LAB NOTEBOOK (40 points) Each student must maintain a lab notebook with completed lab handouts using a black-ink pen; this will be turned in and graded during 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.

QUIZZES (50 points total) There will be five quizzes that must be taken via Laulima at the testing center by the due date. Content of quizzes will contain information from lab power points. **It is the student’s responsibility to set up an appointment with the Testing Center prior to the due date. There will be no late submissions.**

LAB PRACTICUMS (200 points total - 100 points for each practicum) The student will take 2 lab practicums (cumulative) to demonstrate knowledge and understanding of information presented in lab activities.

KENNEL DUTY (30 points) Students are required to sign up and attend kennel duty responsibilities throughout the semester. The amount of slots required will depend on the total amount of students and will be established at the start of the semester. Grading will be based on performance and completion of check off lists. Details will be discussed in class.

PARTICIPATION (30 points) Students will be given participation points in each lab based on performance, work ethics, and ability to work with others. Participation points can also be deducted with unexcused absences.

IACUC LOG (50 points) The IACUC log must be fully completed after every class as per regulation. Groups that fail to complete their entries within the IACUC log will be subjected to a loss of points for all members of the group. Details on the IACUC log will be discussed in class.

ATTENDANCE: Please refer to the Student Handbook for attendance policies. You are expected to attend every lab without discretion. If you have a legitimate excuse or legitimate illness, you must contact the instructor within 48 hours prior to the intended lab date. **Failure to contact your instructor prior to absence may result in deduction of participation points and gaining demerits.**

AVMA REQUIRED SKILLS: Students must complete all required skills listed at the end of this syllabus. If the list is not 100% completed by the end of the semester, the student will receive a temporary ‘I’ grade until all requirements are met. Fulfillment of the skills list must be scheduled after the semester but before the ‘I’ grade expiration date. Failure to complete the list entirely will prevent receiving a passing score.

LEARNING RESOURCES

1. ANSC 153L Lab Manual, Windward Community College, Spring 2023.
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. 10th 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 and to hold lab notebook)
2. Black ink pen and yellow highlighter
3. White long-sleeved lab coat
4. Wristwatch

Recommended:

1. Personal stethoscope

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). **A long-sleeved lab coat will be required for ALL labs. Lab coats must be purchased prior to the start of the semester.** 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 and “F” grade for the course. **Students who behave in a reckless, inhumane, or unsafe manner will receive and “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 ACCOMMODATIONS

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 Accessibility Counselor to discuss reasonable accommodations that will help you succeed in this class. Roy Inouye can be reached at (808) 235-7448, royinouye@hawaii.edu, or you may stop by Hale Kāko‘o 106 for more information.

SEX DISCRIMINATION AND GENDER-BASED VIOLENCE RESOURCES (TITLE IX)

Windward Community College is committed to providing a learning, working, and living environment that promotes personal integrity, civility, and mutual respect and is free of all forms of sex discrimination and gender-based violence, including sexual assault, sexual harassment, gender-based harassment, domestic violence, dating violence, and stalking.

If you or someone you know is experiencing any of these, WCC has staff and resources to support and assist you. To report an incident of sex discrimination or gender-based violence, as well as receive information and support, please contact one of the following:

Jojo Miller, Confidential Advocate
 Phone: (808) 348-0663
 Email: advocate@hawaii.edu
 Office: Hale Kāko‘o 110

Desrae Kahale, Mental Health Counselor & Confidential Resource
 Phone: (808) 235-7393
 Email: dkahale3@hawaii.edu
 Office: Hale Kāko‘o 101

Karen Cho, Deputy Title IX Coordinator
 Phone: (808) 235-7404
 Email: kcho@hawaii.edu
 Office: Hale ‘Alaka’i 120

As a member of the University faculty, I am required to immediately report any incident of sex discrimination or gender-based violence to the campus Title IX Coordinator. Although the Title IX Coordinator and I cannot guarantee confidentiality, you will still have options about how your

case will be handled. My goal is to make sure you are aware of the range of options available to you and have access to the resources and support you need.

For more information regarding sex discrimination and gender-based violence, the University's Title IX resources and the University's Policy, Interim EP 1.204, go to manoa.hawaii.edu/titleix/

ALTERNATE CONTACT INFORMATION

If you are unable to contact the instructor, have questions that your instructor cannot answer, or for any other issues, please contact the Academic Affairs Office:

- Location: Alaka'i 121
- Phone: (808) 235-7422

WCC VET TECH PROGRAM ANNEX POLICIES

1. All patients must have a waiver signed by the owner or interim owner prior to any procedures.
2. All patients must be transported safely (canines on leash and felines in carriers)
3. All patients must be provided with food, water, and a towel/sheet when in a kennel **unless** there is a medical reason not to.
4. Unless the patients arrived from the same household, all patients must be kept at a safe distance from each other at all times.
5. Canines are walked with **3** leashes: Two are worn as a harness and one is worn around the neck.
6. Students walking canines must observe the '3, 2, 1' rule: **3** leashes, **2** students, and **1** cellphone during each walk.
7. Any patients **MUST** be signed up on the Animal Sign-up Sheet at least 24 hours before lab. This is to allow instructors to prepare for space and to have a better idea of pacing in the lab.
8. The annex is equipped with two sets of doors at all entrances for safety. **You must allow the previous door to close before opening the second set of doors.** This is to prevent accidental escapes.
9. No student, faculty, staff, or any other individuals in the annex may intentionally harm any animal, **even if it is your own pet.**

Week	Thur	Topic	Fri	Topic	DUE
1	1/12	Intro, Restraint	1/13	Intro, Restraint	
2	1/19	Physical Exams	1/20	Physical Exams	
3	1/26	Grooming	1/27	Grooming	Quiz 1
4	2/2	Administering Meds	2/3	Administering Meds	
5	2/9	Administering Meds	2/10	Administering Meds	
6	2/16	Special Procedures	2/17	Special Procedures	
7	2/23	Venipuncture	2/24	Venipuncture	Quiz 2
8	3/2	Venipuncture	3/3	No Class - Holiday	
9	3/9	Mid-term Practicum	3/10	Mid-term Practicum	
10	3/16	SPRING BREAK	3/17	SPRING BREAK	
11	3/23	Emergency	3/24	Emergency	Quiz 3
12	3/30	Bandaging	3/31	Bandaging	Quiz 4
13	4/6	Bandaging	4/7	No Class - Holiday	
14	4/13	IV Catheters	4/14	IV Catheters	
15	4/20	Skill Training	4/21	Skill Training	Quiz 5
16	4/27	Skill Training	4/28	Skill Training	
17	5/4	Final Practicum	5/5	Final Practicum	Lab Notebook

Instructor	Required hands-on skills
	Environmental conditions: implement sanitation procedures for animal holding and housing areas
	Administer topical medications (including eye meds)
	Collect/evaluate skin scrapings
	Fluid therapy: administer subcutaneous fluids
	Apply and remove bandages and splints
	Apply established emergency protocols: perform first aid and cardiopulmonary resuscitation (simulation acceptable)
	Apply established emergency protocols: use resuscitation bag (simulation acceptable)
	Apply established emergency protocols: apply emergency splints and bandages (simulation acceptable)
	Perform venipuncture: cephalic (dog)
	Perform venipuncture: cephalic (cat)
	Perform venipuncture: lateral saphenous (dog)
	Properly restrain dogs and cats for procedures
	Encage and remove dog or cat from cages
	Apply dog muzzle safely
	Perform venipuncture: jugular (dog)
	Perform venipuncture: jugular (cat)
	Collect urine sample: collect voided urine sample (dog or cat)
	Grooming: trim nails (dog)
	Grooming: trim nails (cat)
	Grooming: express canine anal sacs
	Grooming: clean and medicate ears (dog)
	Grooming: clean and medicate ears (cat)
	Administer enteral medications: hand pilling (dog)
	Administer enteral medications: hand pilling (cat)

	Perform ocular diagnostic tests (including tonometry, fluorescein staining and Schirmer tear test)
	Use restraint pole and other restraint aids (Group)
	Administer parenteral medications: subcutaneous (dog)
	Administer parenteral medications: subcutaneous (cat)
	Administer parenteral medications: intramuscular (dog)
	Administer parenteral medications: intramuscular (cat)
	Administer parenteral medications: intravenous (dog)
	Administer parenteral medications: intravenous (cat)
	Demonstrate the ability to obtain objective patient data: temperature (dog)
	Demonstrate the ability to obtain objective patient data: temperature (cat)
	Demonstrate the ability to obtain objective patient data: pulse (dog)
	Demonstrate the ability to obtain objective patient data: pulse (cat)
	Demonstrate the ability to obtain objective patient data: respiration (dog)
	Demonstrate the ability to obtain objective patient data: respiration (cat)
	Demonstrate the ability to obtain objective patient data: auscultate heart/lungs (dog)
	Demonstrate the ability to obtain objective patient data: auscultate heart/lungs (cat)
	Perform venipuncture: medial saphenous (cat)