



UNIVERSITY of HAWAII®
WINDWARD
COMMUNITY COLLEGE

ANSC 142L: Anatomy and Physiology of Domestic Animals Lab

1 Credit (CRN: 64265)

F 10:00-12:45pm

INSTRUCTOR: Matthew Tsuda
OFFICE: Hale Imiloa 104
OFFICE HOURS: T 11:00-12:00pm
TELEPHONE: 808-343-7507 **EMAIL:** mtsuda@hawaii.edu
EFFECTIVE DATE: Fall 2024

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

Laboratory to accompany ANSC 142. This course is designed to acquaint the student with the body systems of common domestic species (e.g., cats, dogs, horses and birds) through dissections, examinations of models, laboratory exercises, and other hands-on activities. This course is intended for students entering veterinary technology, veterinary assisting or other animal-related fields (3 hrs. lab).

Prerequisite: Credit for or registration in ANSC 142 or equivalent preparation or consent of instructor.

STUDENT LEARNING OUTCOMES

Upon successful completion of ANSC 142L, the student should be able to:

1. Identify and describe the anatomy of the major body systems for cats, dogs and horses using prepared slides, skeletons, models and dissections.
2. Use standard anatomical terms to describe body directions, regions and sectioning planes.
3. Identify major anatomical landmarks used to assess patient health during physical exams.
4. Demonstrate proficiency at the use of the microscope as a clinical instrument.

COURSE TASKS

1. Attend class at scheduled times
2. Participate in lab activities with notebook prepared.
3. Complete 8 quizzes.
4. Complete two practicums.

ASSESSMENT TASKS AND GRADING

ATTENDANCE/PARTICIPATION: Please refer to the attendance policy outlined within the Veterinary Technology Student Handbook for full details.

Attendance is expected for every class and will be documented prior to the start of lecture. Any unexcused absences may be subjected to a loss of 10 points from your overall score for each instance. Any absences must be communicated with your lecturer prior to or on the day of the absence. Any absences may not be considered excused without documentation. Arriving more than 10 minutes late may be considered an absence. **Overall, prompt communication is essential for working out plans for making up assignments, activities, and lectures.**

QUIZZES: 100 points total – Quizzes are held at the beginning of labs. Each quiz is worth 10 points; two quizzes are worth 20 points. There are eight quizzes in total.

LAB PRACTICUMS: 150 points total; 50 mid-term, 100 final – Two lab practicums are held throughout the semester. The final practicum is cumulative.

LAB NOTEBOOK: 30 points total – The lab notebook will be collected at the beginning of both practicums. The lab notebook must be completed up to each designated page upon each submission. Both submissions are worth 15 points.

LAB ASSIGNMENTS: 50 points (6 assignments total) – Lab assignments are completed in the lab manual textbook. Details on lab assignments and pages can be found within the corresponding assignment page on Laulima.

Points	Grade
297-330	A
264-296	B
231-263	C
198-230	D (Considered no credit)
<197	F (Considered no credit)

CLASS POLICIES

1. **Late Assignments** - If you miss an assignment due to a **serious illness or legitimate emergency**, you **must** contact the instructor within **24 hours** to discuss making up assignments. You may need to provide documentation for evidence of emergency or illness.
2. **Google Drive** – Google Drive is used in this course to organize files and make them accessible. Your UH email must be used to access all files; all requests from non-UH emails will be ignored.
3. **Lab Dress Code**: Students are required to observe all dress code policies (see VETA handbook for full details.) Repeated instances will be issued demerits.
 - a. **On days with no dissections**: Close-toed shoes with no holes, long pants with no holes, long hair tied back. Visible jewelry like piercings and nail polish are not allowed.
 - b. **On days with dissections**: All previous dress code rules including a long-sleeved white lab coat (must be purchased on own.)
4. **Spelling** – Due to the importance of spelling in a medical setting, any spelling error may be marked as incorrect. This is especially true for critical terminologies.
5. **Cleaning Duties**: Labs days with biological sample usage will have cleaning duties assigned to two students per week.
6. **Use of Phones, Laptops, and other Devices**: Use of the mentioned devices is allowed only for studying and access on course resources. You will be instructed to put these away if they are a distraction to yourself or others as you must always be attentive due to the samples and tools we may be working with.
7. **Photography**: Photographs of models and/or specimens are allowed for personal studying purposes only. Posting any images of biological samples on social media or online chatrooms, even from preserved specimens, will lead to a possible dismissal from the program.
8. **Demerit System**: Please see the Student Handbook for more information on our demerit system. The following instances may result in use of the program's demerit system:
 - Improper and careless handling of biological specimens.
 - Not cleaning your own dissection tools and trays.
 - Not cleaning your table before leaving.
 - Repeated instances of showing up to lab in improper dress code. You should not be reminded to remove your jewelry and doing so will add demerit points.
 - Any other condition stated within the Student Handbook.

LEARNING RESOURCES

1. Colville, T. and J.M. Bassert. *Clinical Anatomy and Physiology for Veterinary Technicians*, 4th ed. ISBN: 9780323793414
2. Colville, T. and J.M. Bassert. 2023. *Clinical Anatomy & Physiology Lab Manual for Veterinary Technicians*. Elsevier. 4th Ed. Elsevier. ISBN: 9780323793421
3. Summa, Meleana & Tsuda, Matthew, 2024. *142L Lab Notebook Fall 2024*.

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, royinouy@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
 Leslie Cabingabang, UH System Confidential Advocate
 Phone/Text: (808) 348-0432 or (808) 341-4952
 Email: advocate@hawaii.edu
 Office: Hale Kāko‘o 107 (Wednesdays)

Mykie E. Menor Ozoa-Aglugub, J.D., Title IX Coordinator
 Phone: (808) 235-7468
 Email: mozoa@hawaii.edu
 Office: Hale Kāko‘o 109

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

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/

ACADEMIC INTEGRITY

Refer to Vet Tech Student Handbook for all policies regarding academic dishonesty. Actions that are involved within this policy include but are not limited to:

- Sharing answers on assignments that are not considered group assignments.
- Informing classmates of quiz and exam content.

- Viewing other classmates' papers or talking during quizzes and exams.
- Using any form of unapproved notes during a quiz or exam (paper notes, phone, smartwatch, laptop, etc.)

Please note that all suspected actions will be immediately investigated for legitimacy. This may mean receiving a zero on suspected assignments, discussion with the program director and academic affairs, and scrutinization of assignment content until all parties are proven uninvolved.

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

W	Friday Lab		Assignments Due in Lab
1	8/30	Regional/Directional Terminology, Mitosis	
2	9/6	Tissues	Quiz 1 - (Regional/Directional Terminology) Chap 1 Exercises
3	9/13	Integument; Axial Skeleton	Chap 4 Exercises
4*	9/20	Axial and Appendicular Skeleton	Quiz 2 - (Tissues)
5	9/27	Appendicular Skeleton	Quiz 3 - (Axial Skeleton) Chap 6 Exercises
6	10/4	Muscular System	Quiz 4 - (Appendicular Skeleton)
7	10/11	Muscular System	
8	10/18	Nervous and Sensory System	Quiz 5 - (Muscles)
9*	10/25	Review	
10	11/1	Practicum 1	Practicum 1 Lab Notebook I
11	11/8	Abdominal Organs	Quiz 6 - (Nervous System) Chap 9 Exercises
12	11/15	Cardiovascular System	
13	11/22	Respiratory System	Quiz 7 - (Abdominal Organs)
14	11/29	Thanksgiving	
15*	12/6	Digestive System Urinary System	Quiz 8 - (Cardiovascular System) Chap 12 Exercises
16	12/13	Review	Chap 14 Exercises
17	12/20	Practicum 2 (Final date TBD)	Practicum 2 Lab Notebook (2)