



UNIVERSITY of HAWAII®
WINDWARD
COMMUNITY COLLEGE

ANSC 142L: Anatomy and Physiology of Domestic Animals Lab

1 Credit (CRN: 61014, 61022)

61014: M 3:00-5:45pm

61022: T 3:00-5:45pm

INSTRUCTOR: Matthew Tsuda

OFFICE: Hale Imiloa 104

OFFICE HOURS: M 1:00-200pm

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

EFFECTIVE DATE: Fall 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

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: 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 all labs. Any unexcused absences will be subjected to a loss of 10 participation points **and** use of our demerit system (refer to student handbook.) Any absences must be communicated with your lecturer prior or on the day of the absence. Any and all absences will not be considered excused without documentation. Arriving more than 10 minutes late may be considered an absence.

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.

PARTICIPATION: 20 points – Students will need to participate in lab activities, including group work, dissection, and review sessions.

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.

DRESS CODE: - Students are required to observe all dress code policies (see VETA handbook for full details.) **Close-toed shoes, long pants, and a white lab coat are required for all labs. Visible jewelry and nail polish are not allowed.**

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. Tsuda, Matthew, 2023. *142L Lab Notebook Fall 2023*.

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

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

W	Monday		Tuesday		Wednesday		Assignments
1	8/21	Regional/Directional Terminology, Mitosis	8/22	Regional/Directional Terminology, Mitosis	8/23	Regional/Directional Terminology, Mitosis	
2	8/28	Tissues	8/29	Tissues	8/30	Tissues	Quiz 1, Chap 1 Exercises
3	9/4	Labor Day	9/5	Integument; Axial Skeleton	9/6	Integument; Axial Skeleton	
4	9/11	Integument; Axial Skeleton, Appendicular Skeleton	9/12	Axial and Appendicular Skeleton	9/13	Axial and Appendicular Skeleton	Quiz 2, Chap 4 Exercises
5	9/18	Appendicular Skeleton	9/19	Appendicular Skeleton	9/20	Appendicular Skeleton	Quiz 3, Chap 6 Exercises
6	9/25	Muscular System	9/26	Muscular System	9/27	Muscular System	Quiz 4
7	10/2	Muscular System	10/3	Muscular System	10/4	Muscular System	
8	10/9	Review	10/10	Review	10/11	Review	Quiz 5
9	10/16	Practicum 1	10/17	Practicum 1	10/18	Practicum 1	Lab Notebook (1)
10	10/23	Nervous and Sensory System	10/24	Nervous and Sensory System	10/25	Nervous and Sensory System	
11	10/30	Abdominal Organs	10/31	Abdominal Organs	11/1	Abdominal Organs	Quiz 6, Chap 9 Exercises
12	11/6	Cardiovascular System	11/7	Cardiovascular System	11/8	Cardiovascular System	Quiz 7
13	11/13	Cardiovascular System Respiratory System	11/14	Cardiovascular System Respiratory System	11/15	Cardiovascular System Respiratory System	Chap 12 Exercises
14	11/20	Digestive System	11/21	Digestive System	11/22	Digestive System	Quiz 8
15	11/27	Urinary System	11/28	Urinary System	11/29	Urinary System	Chap 14 Exercises
16	12/4	Review	12/5	Review	12/6	Review	
17	TBA	Practicum 2					Lab Notebook (2)