



UNIVERSITY of HAWAII®
WINDWARD
COMMUNITY COLLEGE

ANSC 252L, Diagnostic Imaging for Veterinary Technicians Lab

Credits: 1 (CRN 64337; 64338)

CRN 64337 - Monday: 10:00-12:45pm

CRN 64338 – See Fast-Track Lab Schedule

INSTRUCTOR: Matthew Tsuda

OFFICE: Hale Imiloa 104

OFFICE HOURS: M 1:00-2:00

TELEPHONE: 808-343-7507 **EMAIL:** mtsuda@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 lab trains students to safely and effectively use x-ray technology to obtain diagnostic radiographs of the skeletal- and soft anatomy of companion animals.

STUDENT LEARNING OUTCOMES

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

1. Utilize radiographic equipment to expose and develop radiographic films in order to create diagnostic radiographic images.
2. Properly label and file radiographic films and complete radiographic logs and reports.
3. Utilize radiographic contrast agents to produce diagnostic images of urinary and GI organs.
4. Perform radiographic techniques utilized in screening for canine hip dysplasia.
5. Demonstrate proper maintenance and troubleshooting of radiographic equipment.
6. Position companion animals safely and humanely for radiographic studies.

COURSE TASKS

- | | |
|--|---------------------------------|
| - Attend lab at scheduled times | - Complete 5 quizzes |
| - Complete assigned readings prior to labs | - Complete 1 class presentation |
| - Participate in lab activities | - Complete 1 practicum |

ASSESSMENT TASKS AND GRADING

ATTENDANCE: 20 points

Attendance will be taken at the beginning of each class period. Both tardiness and early departure from class are considered forms of absenteeism. Please refer to the student handbook for attendance policies.

LAB NOTEBOOK and LARGE ANIMAL WORKSHEET: 20 & 10 points

The lab notebook must be completely filled and submitted by the due date. There is also a Large Animal worksheet that must be completed by the designated due date and can be found on Laulima.

QUIZZES: 50 points total

Quizzes will be available on Laulima and must be taken with Loom for a valid grade.

PORTFOLIO PRESENTATION: 50 points total

Students will create a portfolio of at least 4 radiographs taken throughout the semester to be presented to the class. Details to be discussed in class and on the Laulima assignment page.

IACUC and RADIOLOGY LOG: 50 points total

The IACUC and radiology log must be completed before the end of every lab as per regulation. Every instance of incompleteness for either log will result in a loss of 25 points for the entire group.

PRACTICUM: 100 points

The final practicum is worth 100 points.

GRADE	POINTS
A	270 - 300
B	240 - 269
C	210 - 239
D	180 - 209
F	<180

LEARNING RESOURCES

1. Lavin's Radiography for Veterinary Technicians, 7th Edition by Marg Brown and Lois Brown ISBN-13: 978-0323413671 (Elsevier)
2. 252L Notebook 2023 – Matthew Tsuda

ADDITIONAL INFORMATION

MySuccess: Students may be referred for extra help or advising through MySuccess. Students can also explore resources at MySuccess.Hawaii.edu and windward.hawaii.edu/MySuccess

Ka Piko is WCC's academic support hub. Please visit: <https://windward.hawaii.edu/kapiko/>

TRiO student support services: https://windward.hawaii.edu/TRIO/Student_Support_Services.php

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

Karla K. Silva-Park, Title IX Coordinator
 Phone: (808) 235-7468
 Email: karlas@hawaii.edu
 Office: Hale ‘Ākoakoa 220

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

Work submitted by a student must be the student’s own work. The work of others should be explicitly marked, such as through use of quotes or summarizing with reference to the original author.

In this class, students who commit academic dishonesty, cheating or plagiarism will have the following consequence(s): Students will receive a failing grade for plagiarized assignments.

All cases of academic dishonesty are referred to the Vice Chancellor for Student Affairs.

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:

Windward Community College is an equal opportunity, affirmative action institution.

Week	Date	Primary Topic	Secondary Topic	Due
1	1/09	Radiology Introduction, Safety, and Settings.	Measuring	
2	1/16*	No Class – Holiday		
3	1/23	Abdominal/Thorax	Contrast and Exposure	
4	1/30 Fast-Track Labs	Forelimb	Internship w/190	Quiz 1
5	2/6	Forelimb	Internship w/190	
6	2/13	Pelvic Limbs	Internship w/190 Dental Radiology	Quiz 2
7	2/20*	No Class – Holiday		
8	2/27 Fast-Track Labs	Pelvic Limbs	Internship w/190 Dental Radiology	
9	3/6	PennHIP		Quiz 3
10	3/13	SPRING BREAK		
11	3/20	Radiology Practice	Internship w/190 Portable Radiology	
12	3/27*	No Class - Holiday		Quiz 4
13	4/3	Radiology Practice	Internship w/190 Portable Radiology	Large Animal Worksheet

14	4/10	Spine and Skull, Barium	Excursion w/262 Ultrasonography	
15	4/17	Spine and Skull, Barium	Excursion w/262 Ultrasonography	
16	4/24 Fast-Track Labs	Exotics	Radiology Practice Portfolio Presentation	Quiz 5 Portfolio Presentation
17	5/1	Final Practicum	None	Lab Notebook

Fast-Track Lab Schedule (subject to change)

Dates	Topics
2/2	ANSC 190 Internship (no 252 lab)
2/3	ADB/THX, Forelimb
2/4	ADB/THX, Forelimb, Dental
3/2	ANSC 190 Internship (no 252 lab)
3/3	Pelvis, Pelvic Limbs, and Portable Radiology
3/4	PennHIP, Spine and Skull, Exotics
4/27	ANSC 190 Internship (no 252 lab)
4/28	Barium, ANSC 262 Excursion
4/29	Radiology Practice, Portfolio, and Final Practicum