

Diagnostic Imaging for Veterinary Technicians

ANSC 252L

CRN: 64005 or 64006

Wed or Thu 10:00-4:00

INSTRUCTOR:	Sam Craddock, RVT
OFFICE:	Hale Na'auao 121
OFFICE HOURS:	Tues: 1:00-2:15
TELEPHONE:	808-271-7883 or 236-9107
EMAIL:	scraddoc@hawaii.edu
EFFECTIVE DATE:	Summer, 2015 (May 26-Jul 16)

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

ANSC 252L: 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. (3 hours laboratory)

Pre-Requisite(s): Admission into the Veterinary Technology program. Students are required to show proof of current health insurance and sign a liability waiver. *Co-Requisite(s):* Concurrent enrollment in ANSC 252/252L.

STUDENT LEARNING OUTCOMES

Upon successful completion of ANSC252L, the student should be able to:

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

COURSE TASKS

ANSC 252L

- 1) Participate in lab.
- 2) Complete assigned readings prior to class.
- 3) Prepare positioning notebook.
- 4) Produce a portfolio of 10 radiographs of diagnostic quality.

ASSESSMENT TASKS AND GRADING

ANSC 252L

POSITIONING NOTEBOOK (100 points). The student will complete a notebook with details outlining patient positioning for radiography.

CLASS PARTICIPATION & CONDUCT (30 points): Attendance and participation in lab activities are mandatory. Each student is allowed one absence without penalty. The second unexcused absence will result in a deduction of all points from the student's attendance score. Students who come unprepared to participate or are not in proper uniform may be asked to leave class and will be considered absent.

RADIOGRAPHY PORTFOLIO (70 Points). Students will produce a minimum of 7 radiographs of diagnostic quality. They are required to submit ALL radiographs from the semester for evaluation. These radiographs will be evaluated for correct technique, proper patient positioning, labeling, and contrast. Students must score >70% on their portfolio in order to pass the course.

METHOD OF GRADING:

Quizzes	70 points
Participation	30 points
Portfolio	100 points
TOTAL	200 points

Total Points	Percentage Points	Grade
179-200	90-100	A
159-178	80-89	B
139-158	70-79	C
119-1138	60-69	D
<118	0- 59	F

Students who behave in a reckless, inhumane, or unsafe manner will receive an "F" grade and be barred from attending future classes.

****Please note: to continue on in VETT, you must receive a C or better in both 252 and 252L****

ACADEMIC DISHONESTY

Students involved in academic dishonesty will receive an "F" grade for the course.

Academic dishonesty includes cheating on exams and plagiarism. See the course catalog and Vet Tech Student Handbook for a description of the College's policies concerning academic dishonesty.

LEARNING RESOURCES

Textbook: Lavin, Lisa 2006. Lavin's Radiography in Veterinary Technology. 4th ed. Saunders Elsevier Publishing. St. Louis, MO. 378 pp. ISBN: 1-4160-3189-8

ADDITIONAL INFORMATION

STUDENT RESPONSIBILITIES

The student is expected to attend all labs and participate in all course activities. Please be considerate to other students by turning off cell phones during class. Any changes in the course schedule, such as examination dates, deadlines, etc., will be announced

ahead of time on the course website. It is the student's responsibility to be informed about deadlines critical to making registration changes (e.g., last day for making an official withdrawal).

ACCOMODATION FOR STUDENTS WITH DISABILITIES

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, or you may stop by Hale 'Akoakoa 213 for more information.

STUDENT SAFETY

This course includes a substantial "hands-on" laboratory component in which students may be exposed to a variety of potential hazards including exposure to X-Ray radiation and caustic chemicals and risk of animal bites and scratches. Students enrolled in ANSC 252L are required to show proof of current health insurance and sign a liability waiver during the first week of class. All students are required to wear appropriate clinical attire (personal dosimeter, uniform scrubs, black scrub pants, and close-toed sneakers) *to each class*. Students who are dressed inappropriately will be barred from participating in lab activities and will receive a "zero" grade for that day's class participation grade. **Because exposure to X-Ray radiation poses a significant risk to a developing embryo or fetus, students who are pregnant should not take this course.** Students who become pregnant during the course may request an "N" grade from their instructor.