

ANSC 152 Companion Animal Diseases and Nutrition for Veterinary Technicians

Instructor: Zachary Albudri, DVM

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Class time: Thursday

CRN 63136 10:00 – 11:15 am

CRN 63197 11:30 – 12:45 pm

First class Jan 15, 2015

Last class May 7, 2015

Office Hours: TBD (Will also allow group office hour sessions)

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 education needs of Native Hawaiians, we provide Oahu'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

This course is an introduction to the nutritional and medical care of companion animals. Topics include canine and feline life cycles (including breeding, pregnancy and parturition), and nutritional needs, exam procedures and medical recording, nursing care, and identification and treatment of common diseases. This course is intended for students entering veterinary assisting, veterinary technology, or other animal-related fields (3 hours lecture per week).

Prerequisites: *ANSC 142*
ANSC 142L

STUDENT LEARNING OUTCOMES

Upon successful completion of ANSC 152, the student will be able to:

- 1) Describe the importance of obtaining a complete patient history and physical exam.
- 2) Discuss the energy and nutrient requirements for the various life stages of dogs and cats.

- 3) Describe the proper nursing care of neonatal, ill and geriatric dogs and cats.
- 4) Describe the effects of common household and plant toxicities in dogs and cats.
- 5) List the clinical signs, diagnostic tests and treatment of common diseases in dogs and cats.

COURSE CONTENT

The patient history

Complete physical exam

Nutrition basics & requirements for dogs and cats

Feeding of dogs and cats including specialty diets

Preventive health care for dogs & cats

Neonatal care of puppies and kittens

Toxic household chemicals and foods

Poisonous plants

Breeding, pregnancy and parturition in dogs and cats

Diagnostic sampling & administration of oral, topical and injectable medication

Nursing care of dogs and cats

Identification and treatment of common diseases including:

Cardiac disease, digestive disease, endocrine disease, ocular and ear disease, hematologic disease, skin disease, musculoskeletal disease, nervous system disease, reproductive disease, respiratory disease and urinary system disease

Assessment tasks and grading

Examinations (2 exams and 1 final, 100 points each, 300 points total)

The student will take two exams to demonstrate knowledge and understanding of information presented in the lectures, lab activities and text reading.

Quizzes (3 quizzes, 100 points each, 300 points total)

The student will take 2 to 4 quizzes during the allotted lecture portion. The quizzes will be based on the reading assignment up to and including the day of the quiz.

Student lecture participation (400 points accumulated during the semester)

Students will be continuously selected throughout the semester during lecture periods to interact with the instructor. The interactions will assess students' progression throughout the semester. The interactions can include any material presented from previous lectures or material expected to be read on the day of the interaction.

Method of grading

Quizzes **300 points**

Exam 1 **200 points**

Exam 2 **200 points**

FINAL **300 points**

1,000 points total

Grading

<i>Total Points</i>	<i>Percentage points</i>	<i>Grade</i>
895-1000	90-100	A
795-894	80-89	B
695-794	70-79	C
595-694	60-69	D
< 595	0-59	F

Academic Dishonesty

Students involved in academic dishonesty will receive an immediate failing grade from the course and will be barred immediately from all lecture and lab components. Academic dishonesty includes cheating on exams and plagiarism. This course facilitates the use of narcotics. Any questionable behavior will require the student and instructor to have a meeting with the Dean of Student Affairs to discuss any allegations arising from questionable drug handling. See the 2012-2013 course catalog for a description of the College's policies concerning academic dishonesty.

Learning Resources

Textbooks

Wortinger, Ann. 2007. Nutrition for Veterinary Technicians and Nurses, First edition. Blackwell Publishing. 249 pp. ISBN: 978-0-8138-2913-5

Lecture Outlines

Powerpoint outlines will be online on Laulima

Laulima

A laulima website is accompanying this course. To access, go to

<https://laulima.hawaii.edu/portal>

Login using your UH username and password. Click on ANSC 152 to continue. The website contains lecture outlines, copies of course forms, syllabi and links to on-line learning resources.

Additional information

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 (eg last day for making an official withdrawal).

Accommodation 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 at Hale 'Akoakoa 213 for more information.

ANSC 152 LECTURE SCHEDULE SPRING 2015

Wortinger Textbook

Class	Date	Topics	Text chapter (page number)
1	1/15/15	Nutrition	Wortinger 1-67
2	1/22/15	Nutrition	Wortinger 68-123
3	1/29/15	Nutrition	Wortinger 129-221
4	2/5/15	Nutrition	Wortinger 129-221
5	2/12/15	Nutrition	Lecture discussion
6	2/19/15	Nutrition	Lecture discussion
7	2/26/15	Companion animal diseases	Lecture discussion
8	3/5/15	EXAM	
9	3/12/15	Companion animal diseases	Lecture discussion
10	3/19/15	Companion animal diseases	Lecture discussion
11	3/26/15	Companion animal diseases	Lecture discussion
12	4/2/15	Companion animal diseases	Lecture discussion
13	4/9/15	EXAM 1	
14	4/16/15	Companion animal diseases	Lecture discussion
15	4/23/15	Companion animal diseases	Lecture discussion
16	4/30/15	Companion animal diseases	Lecture discussion
17	5/7/15	Companion animal diseases	Lecture discussion
18	5/14/15	FINAL EXAM	

**FINAL EXAM DURING SCHEDULED HOURS IN
ACADEMIC CALENDAR**