

## **ANSC 140**

### **Introduction to Veterinary Technology**

**Monday/Friday 1:00-2:15 pm (CRN 63096) & 2:30-3:45pm (CRN 63114)**

**Palanakila 102**

Instructor: Jenny Kelly, DVM  
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Office Hours: By appointment  
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Effective Date: Fall 2016

### **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**

This course introduces students to the field of veterinary technology and describes the responsibilities and expectations for students enrolled in the program. Topics include: roles of the veterinary team members, legal and ethical aspects of veterinary practice, breeds of companion animals, safety, sanitation and waste-disposal protocols, and career fields in veterinary medicine. (3 hours lecture)

**Pre-Requisite(s):** Credit for or registration in ANSC 142 and ANSC 142L. Credit or placement in ENG 100 and Math 101. Confirmed attendance in WCC veterinary technology information session.

**Activities Required at Scheduled Times Other than Class Times:** None

### **Student Learning Outcomes**

Upon successful completion of ANSC 140, the student should be able to:

- Describe the roles and legal boundaries of veterinary health care team members and discuss the legality of the veterinary-client-patient relationship.
- Identify and describe common workplace hazards, including zoonotic diseases.
- Establish and maintain appropriate sanitation, nosocomial, and waste-disposal protocols.
- Identify selected breeds of companion animals and livestock.

## Course Content

- Career options for credentialed technicians
- Legal boundaries for team members
- Ethics in veterinary medicine
- USDA/DEA/OSHA regulations
- Proper sanitation and husbandry techniques
- Zoonotic diseases
- Identify breeds of domestic animals
- Safety protocols in veterinary technology program
- Standard operating procedures in veterinary technology program

## Course Tasks

- Attend class at scheduled times and participate in class discussions
- Complete assigned readings prior to lecture
- Complete assignments & worksheets
- Complete 2 midterm exams, 1 breed exam and 1 final exam.
- Optional: extra credit and eCAFE

## Assessment Tasks and Grading

**Class participation and assigned readings:** (25 points) Students will be given an opportunity to answer questions in class. Base-line participation is expected (5 correct answers) and bonus points will be awarded to students based on their level of interaction. Material covered will include previously covered topics as well as topics scheduled for that day. Questions will be asked of the assigned readings which should be completed prior to class.

**Assignments & Worksheets** (200 points total) Students will complete 3 assignments, 2 worth 25 points each and 1 review assignment worth 50 points. There will also be 10 sets of worksheets, 10 points each, that correspond to topics of the different exam periods.

**Group Project:** (50 points) Students are expected to complete one project as a group. The group will select a breed and present a multi-media presentation during weeks 11-13. The presentation is limited to 20-30 minutes. The format and requirements for this project will be discussed in class.

**ATTENDANCE** (50 points): Attendance is **mandatory** and defined as being present in class for at least 75% of the class period. Each student is allowed one absence without penalty. Each unexcused absence beyond the one allowed, will result in a deduction of 5 points from the student's attendance score. **Additionally, attendance for class guest lectures is imperative. Missing a guest lecture will result in an automatic deduction of 25 points.**

**Exams:** (400 points). The student will take two exams worth 100 points each (non-cumulative) to demonstrate knowledge and understanding of information presented in the lectures, text readings, and assignments. A third exam worth 50 points will cover breed recognition (Spelling counts!). The final exam will be worth 150 points and will be cumulative.

**Extra credit:** (20 points) Students wishing to earn extra credit points will select a topic to be approved by the instructor. The project (15 points) involves creating a brochure that is appropriate for distribution to the general public. The project will be submitted to the "Turnitin" program to ensure authenticity and avoid any questions about plagiarism. The due date is Monday, November 21, 2016. Another extra credit opportunity involves participation in the eCAFE course evaluation (5 points).

### **METHOD OF GRADING**

The assignment of points will be according to the following:

Class Participation - 25 points

Assignments - 100 points

Worksheets - 100 points

Group Project - 50 points

Attendance - 50 points

Exams - 400 points

### **TOTAL 725 points**

(extra credit available to earn = 20 points)

### **GRADING SCALE**

#### **Total Points and Grade Equivalent**

650 - 725 = 90-100 A

580 - 649 = 80-89 B

507 - 579 = 70-79 C

435 - 506 = 60-69 D

<435 = 0-59 F

Grades may be curved at the instructor's discretion; however, the student should use the above grading scale to evaluate their performance throughout the class.

#### **Policy on Make-Up Quizzes and Exams:**

If you miss an examination because of an illness or legitimate emergency, you must contact the instructor **within 48 hours** to arrange a time to make-up the missed test. The instructor may request that the student present evidence of the illness or emergency that caused the student to miss the test. If the student misses a quiz, practicum or exam for any other reason, the student may be prohibited from taking a make-up, thus failing to receive any points. Make-up quizzes, practicums or exams may differ from the original test with regards to questions but content will remain the same. All make-up quizzes, practicums or exams must be completed **within one week** of the original exam date. All make-up quizzes, practicums or exams will be deducted **2 points** for every day that has passed from the original test date.

**No retests will be given for any reason.**

### **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 2015-2017 course catalog for a description of the University's policies concerning academic dishonesty.

## Learning Resources

Textbooks:

Clinical Textbook for Veterinary Technicians: Bassert J.M. and McCurnin D.M. 8<sup>th</sup> Edition, Saunders Elsevier, St. Louis MO

Science Direct: science database available through the library learning commons link from the WCC website or at <http://www.sciencedirect.com/>

## Additional Information

**Laulima:** Your instructor has created a Laulima website to accompany this course. This website contains lecture outlines, copies of course forms and syllabi, and links to on-line learning resources. Students enrolled in ANSC 140 are automatically enrolled in the ANSC 140 Laulima website. To access, go to <https://laulima.hawaii.edu/portal>. Login using your UH username and password and click on ANSC 140.

## Student Responsibilities

The student is expected to attend lectures, participate in all course activities, and complete all examinations and course assignments on time. Please be considerate of 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 in class or on the Laulima website. It is the student's responsibility to be informed of these changes. It is the student's responsibility to be informed about deadlines concerning registration (e.g., last day for withdrawal).

## How to Succeed in this Class

Although you can download all lectures and course materials, you will not succeed in this class without attending lecture and taking notes on the corresponding material in the textbook. Merely reading the chapter will not suffice. Science courses at WCC generally require a minimum of two to three hours of independent study time for each hour in class. It is your responsibility to allocate the appropriate amount of time needed for study and be realistic about all personal and professional commitments that may cut into your study time.

Form study groups. Research has proven that students who form **small** study groups (2-5 people) and meet regularly are far more successful in school. I highly encourage each of you to find people in the class who live nearby, have similar schedules, and are eager about learning to study with. It is amazing what you can learn from each other.

## DISABILITIES ACCOMMODATION STATEMENT

*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.*

## Schedule is subject to change

Week	Day	Subject	Reading
1	Monday 8/22	Introduction-Syllabus History of Veterinary Technology (Check out WCC Library Website)	Chapter 1
	Friday 8/26	More than a pooper scooper.... Careers in Veterinary Medicine <b>Professionalism</b>	Chapter 1 & 2
2	Monday 8/29	Care and Use of Animals, AWA, Ethics	Chapter 1 & Handout
	Friday 9/2	Regulatory Agencies USDA, DEA, FDA, EPA	Chapter 1
3	Monday 9/5	<b>HOLIDAY – Labor Day</b>	Chapter 1 (7 <sup>th</sup> edition: Ch.2)
	Friday 9/9	<b>Blood Borne Pathogen Training</b> <b>Guest Lecturer: Stephen Case</b>	<b>Date still to be determined</b>
4	Monday 9/12	OSHA, MSDS Reporting Injuries and Safety	Chapter 4
	Friday 9/16	IACUC Training <b>Guest Lecturer: Dr. Mike Wong</b>	Chapter 1 & 4 (7 <sup>th</sup> edition: Ch.6)
5	Monday 9/19	Facility Records, Avimark/Cornerstone Review	Chapter 3 & Handout (7 <sup>th</sup> edition: Ch.5)
	Friday 9/23	Husbandry, Sanitation, Operating Room Nosocomial Infections	Chapter 30 (7 <sup>th</sup> edition: Ch.28)
6	Monday 9/26	<b>Exam #1</b>	
	Friday 9/30	Zoonotic Disease Toxoplasmosis, Giardiasis	Chapter 14 (7 <sup>th</sup> edition: Ch.11)
7	Monday 10/3	Dude... You have a worm in your eye! Ascariasis (OLM/CLM/VLM), Brucellosis	PowerPoint & Worksheet
	Friday 10/7	Diarrhea is no fun. Chlamydiosis, Cryptosporidiosis, Salmonellosis	PowerPoint & Worksheet
8	Monday 10/10	Hey Frank, did you always drool like that? Leptospirosis, Rabies	PowerPoint & Worksheet
	Friday 10/14	Scratching is no fun but better than diarrhea. Ringworm, Cat Scratch Fever	PowerPoint & Worksheet
9	Monday 10/17	Tick-borne Diseases I and II	PowerPoint & Worksheet
	Friday 10/21	Canine Behavior Guest Lecturer: Robert Goya-Smith	PowerPoint

10	Monday 10/24	Not Just Dogs Cats Too...	PowerPoint & Resources
	Friday 10/28	<b>Exam #2</b>	
11	Monday 1/31	Breed Presentations	
	Friday 11/4	Exotics <b>Guest Lecture: Dani Carico</b>	Chapter 22 (7 <sup>th</sup> edition: Ch. 15)
12	Monday 11/7	Breed Presentations	
	Friday 11/11	<b>Holiday: Veterans Day</b>	
13	Monday 11/14	Breed Presentations	
	Friday 11/18	Breed Presentations	
14	Monday 11/21	Breed Presentations <b>Due: Extra Credit Project</b>	
	Friday 11/25	<b>Holiday: Thanksgiving Day</b>	
15	Monday 11/28	<b>Breeds Exam</b> <b>Extra-credit grading (possibly)</b>	
	Friday 12/2	Not Just Cats and Dogs Horses & Ponies Not Just Cats and Dogs Cattle & other Livestock	PowerPoint & Resources
16	Monday 12/5	Prevention is the Key Nonconventional Therapeutic Options Final Exam Review <b>Due: eCAFE</b>	Chapter 8 (7 <sup>th</sup> ed: Ch.9) Chapter 23 (7 <sup>th</sup> ed: Ch. 23-24)
17	<b>Final Exam Week: 12/10 - 12/15</b>		

August 26<sup>th</sup> - Last day to drop for **100% refund**

September 12<sup>th</sup> - Last day for **50% refund &** Last Day to Withdraw **without** a "W" Grade, Fall

November 3<sup>rd</sup> - Last day to withdraw with a **“W” grade**

**December 8<sup>th</sup> – Last day of instruction**

**December 16<sup>th</sup> – Last day of Fall Semester**