ANSC 140
INTRODUCTION TO VETERINARY TECHNOLOGY
ASYNCHRONOUS CRN: 61494

INSTRUCTOR: Dani Carico, CVT
OFFICE: Hale Kako’o 126
OFFICE HOURS: Mondays 3-4:00pm or by appointment
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EMAIL: caricod@hawaii.edu
EFFECTIVE DATE: August 21st, 2017 through the Fall Semester of 2017

WINDWARD COMMUNITY COLLEGE MISSION STATEMENT

Windward Community College is committed to excellence in the liberal arts and career development; we support and challenge individuals to develop skills, fulfill their potential, enrich their lives, and become contributing, culturally aware members of our community.

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)

Prerequisite: Enrollment in Vet Assisting program

Activities Required at Scheduled Times Other than Class Times: Every student must volunteer for a minimum of 20 hours at the Hawaii Island Humane Society (HIHS). Details will be discussed in the first face to face meeting at Hawaii CC- Palamanui Campus.

STUDENT LEARNING OUTCOMES

Upon successful completion of ANSC140, the student should be able to:

1) Describe the roles and legal boundaries of veterinary health care team members and discuss the legality of the veterinary-client-patient relationship.

2) Create and maintain facility records and maintain compliance with appropriate regulatory agencies.

3) Identify and describe common workplace hazards, including zoonotic diseases.

4) Establish and maintain appropriate sanitation, nosocomial, and waste-disposal protocols.

5) Identify selected breeds of companion animals and livestock.
COURSE CONTENT

Concepts or Topics

Topics include:
• 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
• Animal Behavior
• Identify breeds of domestic animals
• Identify breeds of livestock
• Safety protocols in veterinary technology program
• Standard operating procedures in veterinary technology program
• General asepsis and surgical pack preparation
• Surgical Instruments commonly used in Veterinary Medicine

COURSE TASKS

1) Attend class and HIHS volunteering at scheduled times.
2) Complete course lectures online or videos posted through Canvas
3) Complete assigned readings and other assignments such as assessments on Canvas prior to lecture.
4) Participate in any class discussions.
5) Complete 3 exams, and a final exam
6) Volunteer at Hawaii Island Humane Society for the minimum of 20 hours required to get exposure with animal behavior, to learn general kennel duties, and be exposed to animal facilities and standard operating procedures.
7) Complete the skills checklist under the supervision of an instructor or HIHS staff supervisors

ASSESSMENT TASKS AND GRADING

SERVICE LEARNING ACTIVITIES (150 points). Students are expected to complete 20 hours at The Hawaii Island Humane Society. Grading will be based on a journal entered in Laulima and the completion of a check list to be signed by the shelter. Both the journal and check list must be completed in its entirety or the student will receive 0 points. Volunteer hours must be spread out and approved by your instructor including 1 hour session for Orientation since this is a critical time at HIHS for kennel duties to be performed. Failure to complete 50% of the Service Learning hours will automatically result in an ‘F’ grade for the class. Details will be discussed in class.
DISCUSSIONS & ASSIGNMENTS (100 points): All students are required to discuss topics and complete assignments listed on Canvas that are posted by the instructor. Discussions must entail a response to the topic and a response to at least 2 of your fellow students. Max points are given if students are able to follow the directions and complete the discussions and assignments on time. Nothing will be accepted after the due date.

EXAMS (150 points total-50 points for each exam): The student will take 3 review exams (non-cumulative) at the Hawaii CC testing center to demonstrate knowledge and understanding of information presented in the lectures, Service Learning, assessments and text readings.

FINAL EXAM (100 points). The final exam is cumulative and will be taken any time that the testing center is open between December 11th through December 13th. It is your responsibility to allow enough time to complete your exam and in case there is any type of system failures. No exceptions are allowed.

METHOD OF GRADING
The assignment of points will be according to the following:

HIHS Service Learning 150 points
Discussions & Assignments 100 points
Exams 150 points
Final Exam 100 points
TOTAL 500 points

GRADING SCALE ESTIMATE

<table>
<thead>
<tr>
<th>Total Points</th>
<th>Percentage Points</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>450-500</td>
<td>90-100</td>
<td>A</td>
</tr>
<tr>
<td>400-449</td>
<td>80-89</td>
<td>B</td>
</tr>
<tr>
<td>350-399</td>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>300-349</td>
<td>60-69</td>
<td>D</td>
</tr>
<tr>
<td>&lt; 299</td>
<td>0-59</td>
<td>F</td>
</tr>
</tbody>
</table>

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. If you miss an exam because of an illness or legitimate emergency, you must contact the instructor within 48 hours to arrange a time to take a make-up exam. The instructor may request that the student present evidence of the illness or emergency that caused the student to miss the exam/quiz. If the student misses an exam/quiz for any other reason, the student may be prohibited from taking a make-up exam/quiz, thus failing to receive any points for the missed exam/quiz. While make-up exams/quizzes will cover the same content area, the exam/quiz format and specific questions may be different.

ACADEMIC DISHONESTY
Students involved in academic dishonesty will receive an "F" grade for the course. Academic dishonesty includes cheating on any testing material and plagiarism. Students are prohibited from discussing any testing material with each other once they have taken any exam. See the 2010-2011 course catalog for a description of the University’s policies concerning academic dishonesty.
LEARNING RESOURCES

Textbook: Textbooks:


Lecture Outlines: Adobe captivate lectures and assessments will be given through Laulima to be completed on a weekly basis.

Canvas: Your instructor has created a Canvas website to accompany this course. This website contains copies of assessments and syllabi, and links to on-line learning resources. Students enrolled in ANSC 140 are automatically enrolled in the Canvas website. To access, go to https://windwardcc.com/login/canvas. Login using your UH username and password.

Additional Information

STUDENT RESPONSIBILITIES
The student is expected to watch lectures weekly, participate in all course activities, and complete all Exams, and course assessments on time. 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 of these changes. 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).

HOW TO SUCCEED IN THIS CLASS
Although you can access all lecture and course materials, you will not succeed in this class without completing all exams, assessments, and completing your Service Learning at HIHS. Merely reading the chapter and watching the lecture will not suffice. You should log into Canvas daily to ensure no changes to your schedule have been made. Science courses 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.

ATTIRE, CONDUCT, AND HYGEINE
Students MUST wear close-toed shoes at all time for HIHS Service Learning. In addition, some activities will require students to wear medical scrubs, gloves and other protective equipment. Students failing to dress appropriately for the Service Learning will not be permitted to participate. Students who engage in conduct that threatens the animals, themselves or others will be refused access to the facility for the remainder of the semester and receive and “F” grade for the course.

My #1 Suggestion for success in this class: Take weekly assignments and exams EARLY. Because you are able to skip ahead and PLAN when you are able to complete the course load. This will prevent you from receiving a “zero” score should you forget to complete any assignments, forums, or exams by the deadline. Remember, no late assignments or exams will be allowed. Exams may also be taken early, but you will only be able to take each exam
once. This means you should study diligently before going to the testing center to take the exam.

**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.

<table>
<thead>
<tr>
<th>Week</th>
<th>Due Date (assessments)</th>
<th>Subject</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8/24: 2-30-6pm [Thursday]  8/25: 9-4pm [Friday]*  F-8/25*</td>
<td>Introduction to Program, Succeeding with Canvas, your program courses Syllabus, Scheduale, Protocols, SOP, Lunch, Yesterday, Today and Tomorrow in Vet Medicine</td>
<td>CH 1,2, Lectures 1 &amp; 2. SOP, student handbook</td>
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<tr>
<td>2</td>
<td>W-8/30*</td>
<td>IACUC, AWA, Ethics Regulatory Agencies USDA, DEA, FDA, EPA</td>
<td>CH 1 &amp; 4 Lectures 3 &amp; 4</td>
</tr>
<tr>
<td>3</td>
<td>W-9/6*</td>
<td>OSHA Facility Records, Avimark/Cornerstone</td>
<td>CH 3 Lectures 5 &amp; 6</td>
</tr>
<tr>
<td>4</td>
<td>W-9/13*</td>
<td>Husbandry, Sanitation, Operating Room Nosocomial Infections Zoonotic Disease Toxoplasmosis, Giardiasis Review all content</td>
<td>CH 30 Lectures 7 &amp; 8</td>
</tr>
<tr>
<td>5</td>
<td>M-9/18 to W-9/20</td>
<td>EXAM 1-taken any time by 9/20 at HCC testing center</td>
<td>Lectures 1-8</td>
</tr>
<tr>
<td>6</td>
<td>W-9/27*</td>
<td>Dude…You have a worm in your eye! Ascariasis (OLM/CLM/VLM), Brucellosis Diarrhea is no fun. Chlamydiosis, Cryptosporidiosis, Salmonellosis</td>
<td>Lectures 9 &amp; 10</td>
</tr>
<tr>
<td>7</td>
<td>W-10/4*</td>
<td>Hey Frank, did you always drool like that? Leptospirosis, Rabies Scratching is no fun but better than diarrhea. Ringworm, Cat Scratch Fever</td>
<td>Lectures 11 &amp; 12</td>
</tr>
<tr>
<td>8</td>
<td>W-10/11*</td>
<td>Tick Borne Diseases Part 1 Tick borne Disease Part 2</td>
<td>Lectures 13 &amp; 14</td>
</tr>
<tr>
<td>9</td>
<td>W-10/18*</td>
<td>Surgery: Instruments, pack wrapping Blood borne Pathogens</td>
<td>Lecture-BONUS Power Point in Laulima</td>
</tr>
<tr>
<td>10</td>
<td>T-10/23 to W-10/25</td>
<td>EXAM 2- taken any time on 10/25 at HCC testing center (10h)MHS Service Learning Journal Due</td>
<td>Lectures 9-Blood Borne Pathogens</td>
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<tr>
<td>11</td>
<td>W-11/1*</td>
<td>Dog Behavior Introduction to Dog Breeds</td>
<td>Videos Lecture 15</td>
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<tr>
<td>12</td>
<td>W-11/8*</td>
<td>The Sporting and Hound Group Dog Breeds- Working and Terrier Group</td>
<td>Lecture 16 &amp; 17 Discussion 1</td>
</tr>
<tr>
<td>13</td>
<td>W-11/15*</td>
<td>Dog Breeds- The Toy, Non-Sporting, &amp; Herding Group</td>
<td>Lecture 18 Discussion 2</td>
</tr>
<tr>
<td>14</td>
<td>W-11/22*</td>
<td>Exotics Prevention is the Key Nonconventional Therapeutic Options</td>
<td>Lecture 19, 20</td>
</tr>
<tr>
<td>15</td>
<td>T-11/27 to W-11/29</td>
<td>EXAM 3 taken any time on 4/26 at HCC testing center THIS EXAM IS ON DOG BREEDS ONLY!</td>
<td>Lectures 15-18</td>
</tr>
<tr>
<td>16</td>
<td>W-12/6*</td>
<td>Here Kitty Kitty Cats- Behavior and Breeds Horses. Livestock Due: eCAFE &amp; (20h) HHS Service Learning Journal by 12/6</td>
<td>Lectures 21</td>
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<tr>
<td>17</td>
<td>12/11: [Mon]-12/13: [Wed]</td>
<td>Final Exam Week (exam available at the testing center from 12/11-12/13: Mon, Tues, Wed. only)-CUMULATIVE</td>
<td>Everything covered</td>
</tr>
</tbody>
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* Dates that Assignments or Discussions are due in Laulima

**Additional Dates:**
HIHS-Keaau Orientation 8/22 11-1pm | HIHS-Kona Orientation 8/24 11-1pm | Large Animal Workshop 11/17 & 11/18