University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course

1. Type of Action
   - A. Addition
   - B. Deletion
   - C. Modification:
     - in credits
     - in title
     - in prerequisites or co-requisites
     - in number or alpha
     - Other

2. New Alpha, Number and Title
   - ANSC 262 Clinical Procedures for Large Animals

3. Credits
   - 4 credits

4. Old Alpha, Number and Title

5. Credits

6. New Catalog Description
   - The student will learn techniques in large animal restraint, husbandry and clinical procedures and be provided some introduction to relevant large animal diseases. Biosecurity and public health will be discussed as they apply to large animal health care and husbandry. The course is appropriate for those entering animal husbandry, veterinary assisting, veterinary technology or animal science fields.

7. Select box and type specific information in text box.
   - Prerequisites
   - Corequisites or Recommended Preparation
   - Prerequisite: Credit for ANSC 151/151L

8. Student Contact Hours Per Week
   - Lecture 3
   - Lecture/Lab
   - Lab 3

9. Proposed Date of First Offering
   - Semester
   - Fall
   - Year 2011

10. This course is proposed for the * Program.

11. This course Makes No Difference in the number of credits required for the program/core.

12. Equivalent or similar courses offered in the UH System:

<table>
<thead>
<tr>
<th>Campus</th>
<th>Alpha, Number, Title</th>
<th>Campus</th>
<th>Alpha, Number, Title</th>
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<tbody>
<tr>
<td>*</td>
<td>None</td>
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13. This course is (check one and click in appropriate textbox and provide details):
   - Already articulated with
   - Provide details of existing or desired articulation (date, college(s), purposes, pre-major, etc.) in this space:
   - Appropriate for Articulation with
   - Provide details of existing or desired articulation (date, colleges(s), purposes, pre-major or major, etc.) in this space:
   - Not yet appropriate for Articulation.

14. Reason for Initiating, Modifying or Deleting Courses or Other Pertinent Comment:
   - This course is being created as an elective for students taking the CA in Veterinary Assisting.

Requested by: ____________________________
Approved by: ____________________________

CCCM #6100 (Amended for WCC use October 2002)
Levels of Review of Course Proposal at Windward Community College

Course Alpha, Number, and Title: ANSC 262 Clinical Procedures for Large Animal

Signatures

1. Department Area (more than one departmental instructor's signature required)

Signature 1: [Signature]
Signature 2: [Signature]

Dates: 1/31/11

2. Department

Department Chairperson

Was this course discussed in a department meeting? □ Yes □ No

3. Division

Signature:

Dates: 2/1/11

4. Curriculum Committee Review

Approved □
Disapproved □

Reason:

Signature: [Signature]

Curriculum Committee Chairperson

Dates: 2/1/11

CCCM #6100 (Amended for WCC use October 2002)
University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course
New Course Proposal Form

WCC Form for New Course Proposals
(This sheet was originally pink.)

1. How is this course related to the education needs and goals of the College/Department/Community as reflected in the EDP/ADP?

- Expand the curriculum that prepares students for critical workforce shortage areas (4.3).
- Create internships and service learning opportunities in the community (4.4).
- Promote the knowledge, skills, and opportunities that support current and emerging STEM fields and careers (4.5).

2. Provide details of any additional staff, equipment, facilities, library/media material, faculty preparation and other financial support that would be required to implement this course. (Include an estimate of the actual cost of supplies and equipment.) What has been done to provide for these additional costs for the proposed date of offering? Who will teach the course?

This class must be taught by a licensed veterinarian (lecturer or FT faculty). A PCR for a FT veterinarian has already been submitted to the UH BOR.

3. Is a similar course taught elsewhere in the UH system? No If yes, provide details of how this course differs from existing similar courses.

UH Manoa offers a number of large animal courses (e.g., ANSC 453 Animal Diseases and Their Control) in large animal husbandry as part of the BS in Animal Sciences; however, none of these are individually equivalent to the proposed course, and none are intended for Veterinary Assistants or Technicians.

4. Is this course experimental and/or unique to Windward Community College? Yes If yes, provide rationale and details of its impact on the College Curriculum

Within the UH System, this course is unique to WCC. Similar courses are taught at most of the AVMA accredited 2-year vet tech programs (e.g., VETT 232: Large Animal Diseases and Medical Care & VETT 233: Large Animal Clinical Assisting- San Juan College, NM). The addition of this course will allow WCC's vet assisting students to aquire a working knowledge of livestock animal nursing. This class can also be used to satisfy AVMA requirements should WCC offer an AS in Veterinary Technology.

5. Is a similar course taught in the upper division level by a 4-year UH college? No If yes, explain why this course is appropriate at the lower division or how it differs from its upper division counterpart.

6. Please attach a complete course outline. Your course outline should address all the items listed in the Guidelines for Course Outlines.

7. If this course is numbered 100 or above or appropriate for transfer to a 4-year college, complete and attach WCC Form for Transfer Courses (blue). See criteria for transfer courses.
ANSC 262
CLINICAL PROCEDURES FOR LARGE ANIMALS

MWF 10:30-11:20AM
*Imiloa 133

INSTRUCTOR: TBA
OFFICE: TBA
OFFICE HOURS: TBA
TELEPHONE: TBA
EMAIL: TBA
EFFECTIVE DATE: TBA

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

The student will learn techniques in large animal restraint, husbandry and clinical procedures and be provided some introduction to relevant large animal diseases. Biosecurity and public health will be discussed as they apply to large animal health care and husbandry. The course is appropriate for those entering animal husbandry, veterinary assisting, veterinary technology or animal science fields (3 hrs. lect/ 3 hr. lab).

Prerequisite: Credit for ANSC 151/151L; Credit for or registration in ANSC 252.

Activities Required at Scheduled Times Other Than Class Times: Offsite laboratories will be required.

STUDENT LEARNING OUTCOMES
Upon successful completion of ANSC 262, the student should be able to:

1) Safely and successfully restrain various species of livestock for medical examination and procedures.

2) Medicate, bandage, groom, and feed large animals.

3) Successfully perform diagnostic sampling and imaging tasks on large animals.

4) Describe common zoonotic diseases of large animals as they apply to animal health and public safety.

5) Discuss biosecurity and isolation procedures necessary in livestock operations.
**COURSE CONTENT**

**Concepts or Topics**
The student will become familiar with large animal clinical techniques including restraint, diagnostic sampling and imaging, medicating, bandaging, feeding, housing, surgical assisting and anesthesia. Some relevant large animal disease information will be covered. Students will also be given information to aid in communication with livestock producers and the maintenance of biosecurity at large animal facilities. Laboratories will allow students to be exposed to and attempt various restraint, husbandry and diagnostic sampling techniques for large animals. Class project will allow students to become familiar with relevant zoonotic clinical diseases in large animals and their impact on public health.

**COURSE TASKS**

1) Attend class at scheduled times.
2) Complete assigned readings prior to lecture.
3) Attend and **participate actively** in labs
4) Complete zoonosis class project
5) Complete 2 written examinations.
6) Complete 1 lab practical examination

**ASSESSMENT TASKS AND GRADING**

**EXAMINATIONS** (300 points total-100 points for each exam). The student will take two written exams and one lab practical examination to demonstrate knowledge and understanding of information presented in the lectures, laboratories and text readings.

**CLASS PROJECT:** Students are expected to complete a written paper the topic of which will be a zoonotic disease of a livestock species of their choice. This paper will be worth 100 points toward the final grade. The student will present this paper to the class in a ten minute presentation to be worth 50 points toward the final grade.

**ATTENDANCE** (50 points): Attendance to lecture is highly recommended. There will be additional practical information based on the experience of the lecturer that will be presented above and beyond what is available in the text. Attendance to laboratories is mandatory. Each student is allowed one absence without penalty. Each unexcused absence above one will result in a deduction of points from the student's attendance score.

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

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<tr>
<th>Task</th>
<th>Points</th>
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<tbody>
<tr>
<td>Exams</td>
<td>300</td>
</tr>
<tr>
<td>Class Project</td>
<td>150</td>
</tr>
<tr>
<td>Attendance</td>
<td>50</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>500</strong></td>
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GRADING SCALE

<table>
<thead>
<tr>
<th>Total Points</th>
<th>Percentage Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>450-500</td>
<td>90-100</td>
<td>A</td>
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<tr>
<td>400-449</td>
<td>80-89</td>
<td>B</td>
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<td>350-399</td>
<td>70-79</td>
<td>C</td>
</tr>
<tr>
<td>300-359</td>
<td>60-69</td>
<td>D</td>
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<tr>
<td>&lt;300</td>
<td>0-59</td>
<td>F</td>
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</tbody>
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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 examination 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. If the student misses an exam for any other reason, the student may be prohibited from taking a make-up exam, thus failing to receive any points for the missed exam. While make-up exams will cover the same content area as a missed exam, the exam format and specific questions may be different. **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 2007-2008 course catalog for a description of the University’s policies concerning academic dishonesty.

LEARNING RESOURCES


**Lecture Outlines:** Powerpoint outlines will be given out at the beginning of each lecture and/or posted to the course website prior to lecture.

**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 142 or ANSC 142L are automatically enrolled in the ANSC 142 Laulima website. To access, go to https://laulima.hawaii.edu/portal. Login using your UH username and password and click on ANSC 142/142L.

**Additional Information**

**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 to other students by turning off any cell phones or beepers 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 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 download all lecture outlines and course materials, you will not succeed in this class without attending lecture and lab and taking notes on the corresponding material in the textbook. 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.

Labs are an integral part of this course and your active participation in them is key to your success. One of the goals of this class is for you to become comfortable working with large animals in a clinical setting. If you are an engaged participant in labs and take the opportunities given to learn the techniques and skills required then you will do well during the lab practical. More importantly you will take those skills with you when the course is over. Please attend labs in appropriate attire which includes long pants and closed toed shoes. Safety is of the utmost importance when working with large animals, if for any reason the instructor feels that it is not safe for you to participate due to your attire you will not be allowed to continue with the lab and will not be counted for attendance to that laboratory. If you are learning what you are supposed to you should get dirty so plan accordingly.

ACCOMODATION FOR STUDENTS WITH DISABLITIES
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>
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<tr>
<th>Techniques</th>
<th>436</th>
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<tr>
<td>11 Swine Restraint and Basic Physical Examination</td>
<td>Pp. 439-446</td>
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<tr>
<td>Diagnostic Sampling and Medication techniques in Swine</td>
<td>Pp. 447-454</td>
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<tr>
<td>Swine Surgery and Anesthesia</td>
<td>Pp. 455-461</td>
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<td>Swine Neonatal care</td>
<td>Pp. 463-469</td>
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<tr>
<td>Common Clinical Procedures in Swine</td>
<td>Pp. 471-482</td>
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<td>12 Biosecurity and Isolation procedures Public Health</td>
<td>Pp.2-18 Pp.44-58</td>
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<td>13 Zoonosis student presentations</td>
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<td>14 Exam Two</td>
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- Last day to drop without “W” grade: TBA
- Last day to Withdraw ("W" entered on transcript): TBA
- Final Exam: TBA