Curriculum Details

Proposed By

Proposed by: johnkaya

Course Record ID

761

Entry Type

Active

Date Created

September 25, 2012

Notes and Special Changes

Stakeholders Consulted

1. Justification

The Vet Tech program needs to create an additional anesthesiology course.

2. Course Alpha

ANSC

3. Course Number

271

4. Course Title (long)

Anesthesiology and Surgical Nursing for Veterinary Technicians

5. Course Title Short


Anesth & Surg Assist Vet Tech

6. Course Credits

3

7. Course Credit Upper Range

0

Repeatable

Will default to 98 (this is how often someone can sign up for the course (not how many times they can apply it to a degree)

8. Course Description

This course will focus on the clinical skills necessary for safe and effective anesthesia and surgery of companion animal patients (dogs and cats). Skills such as intravenous catheter placement, proper endotracheal intubation, patient and surgical site preparation, and patient monitoring under general anesthesia will be stressed. The use and side effects of commonly used sedatives, analgesics and anesthetics will be covered. Postoperative procedures include patient monitoring and charting as well as client education for postoperative care.

9. Course Pre-Requisites

Admission into the Veterinary Technology program.

10. Course Co-Requisites

Co-registration in ANSC 271L

11. Course Recommended Preparation

12. Contact Hours (lecture, lab, lecture/lab)

3 hours lecture

13. Department

Natural Sciences

14. Cross-Listing
15. Course Content

Anesthetic equipment Canine and feline anesthetics Preoperative patient considerations Anesthetic agents Anesthesia equipment Operating room personnel Anesthesia monitoring Anesthetic problems and emergencies Post operative patient Preoperative room considerations Analgesia Patient monitoring Surgical assisting Special techniques Client education and post operative care Equine anesthesia Surgical procedures Asepsis Post operative surgery room and equipment Ruminant and swine anesthesia Rodent and rabbit anesthesia

16. Course Competencies

17. Assessments, Tasks, and Grading

EXAMINATIONS (400 points total-200 points for each exam). The student will take two exams to demonstrate knowledge and understanding of information presented in the lectures, lab activities, and text readings. QUIZZES (100 points total-10 points for each quiz). The student will take ten quizzes to demonstrate knowledge and understanding of information presented in the lectures, clinical lab activities, and text readings. METHOD OF GRADING: The assignment of points will be according to the following: Exams 400 points Quizzes 100 points TOTAL 500 points GRADING SCALE: Total Points Percentage Points Grade 445-500 90-100 A 395-444 80-89 B 345-394 70-79 C 295-344 60-69 D <295 0- 59 F

Grading Options

Will be set to Banner default

18. Auxiliary Materials and Content

19. Additional Activities outside of class and class time

20. Special Costs connected to the course

21. What are the Student Learning Outcomes?
1) Explain all aspects of anesthetic monitoring. 2) Understand the proper operation of anesthetic delivery equipment and monitoring instruments. 3) Understand and integrate all aspects of patient management for common surgical procedures in companion animal species. 4) Identify and provide appropriate instruments, supplies and environment to maintain asepsis during surgical procedures. 5) Demonstrate understanding of routine surgical procedures including surgeries in these categories: ovariohysterectomy, cesarean section, orchiectomy, laparotomies, and orthopedic procedures.

22. Connection between the Course SLOs and the College's General Education Outcomes

23. How does the proposal connect to the college’s strategic plan?

The program objectives align to the following elements of the college's strategic plan:
- Outcome 4.1: Contribute to the development of a high-skilled workforce through the establishment of at least one new specific, career-focused degree, certificate or career pathway per year that leads to employment in emerging fields.
- Outcome 4.2: Establish partnerships with employers to create internships and job placements.
- Outcome 4.3: Expand the curriculum that prepares students for critical workforce shortage areas.
- Outcome 4.4: Create internships and service learning opportunities in the community.
- Outcome 4.5: Promote the knowledge, skills, and opportunities that support current and emerging STEM fields and careers.
- Outcome 4.6: Increase the number of degrees and certificates awarded in STEM fields.

24. Describe the staff that will be needed

This course will require a Veterinarian Instructor licensed in the state of Hawaii. It may also require a credentialed veterinary technician to assist with certain procedures.

25. Describe the facilities that will be needed, including special rooms

26. Describe any other resources that will be needed

27. How will the staff, facilities, and other resources for the course be secured?

A full-time veterinarian will be instructing this course. However, existing adjunct veterinary faculty may be able to serve as instructors for this course.

28. Certificates
29. Connection to the AA degree
AADB

30. Maximum Credits Towards an AA Degree
3

31. List any similar classes taught at outside of the UH system
San Juan College: VETT-214: Vet Anesth & Surg Asst III

32. List any similar classes taught at campuses in the UH System.
None

33. How, if at all, is the course intended to count in lieu of a course taught at a four-year campus.
It is not intended to count for a course on a 4-year campus.

34. How, if at all, is the course similar to upper-division courses in the UH System.
It is not similar.

35. How does the course articulate with four-year programs (Gen Ed)?
None

36. List any articulations between this course and any four-year program.
None

End of Proposal