Curriculum Details

Proposed By

Proposed by: johnkaya

Course Record ID

756

Entry Type

New (draft)

Date Created

September 20, 2012

Notes and Special Changes

Stakeholders Consulted

1. Justification

This change will take the lab portion out of ANSC 252 to allow lecture portion to be online, and to allow multiple sections of labs.

2. Course Alpha

ANSC

3. Course Number

252L

4. Course Title (long)

Diagnostic Imaging for Veterinary Technicians Lab
5. Course Title Short

6. Course Credits
1

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 lab trains students to safely and effectively use X-Ray technology to obtain diagnostic radiographs of the skeletal- and soft anatomy of companion animals.

9. Course Pre-Requisites
Admission into the Veterinary Technology program. Students enrolling in ANSC 252 are required to show proof of current health insurance and sign a liability waiver.

10. Course Co-Requisites
Concurrent enrollment in ANSC 252.

11. Course Recommended Preparation

12. Contact Hours (lecture, lab, lecture/lab)
3 hours laboratory

13. Department
Natural Sciences

14. Cross-Listing
15. Course Content

Train students in the use x-ray technology focuses on repetition to teach basic skills and evaluation of film to determine diagnostic quality.

16. Course Competencies

17. Assessments, Tasks, and Grading

RADIOGRAPHY PORTFOLIO (200 Points). Students enrolled in ANSC 252L will produce a minimum of 20 radiographs of diagnostic quality. They are required to submit 10 radiographs to their instructor for evaluation. These radiographs will be evaluated for correct technique, proper patient positioning, labeling, and contrast. Students must score >70% on their portfolio in order to pass the course.

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) Safely and humanely position companion animals for radiographic studies. 2) Utilize radiographic equipment to expose and develop radiographic films in order to create diagnostic radiographic images. 3) Properly label and file radiographic films and complete radiographic logs and reports. 4) Utilize radiographic contrast agents to produce diagnostic images of urinary and GI organs. 5) Perform radiographic techniques utilized in screening for canine hip dysplasia. 6) Demonstrate proper maintenance and troubleshooting of radiographic equipment.

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?

- 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).

24. Describe the staff that will be needed

Already on staff

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

Room suitable for radiology. Already available.

26. Describe any other resources that will be needed

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

28. Certificates

29. Connection to the AA degree

30. Maximum Credits Towards an AA Degree

0

31. List any similar classes taught at outside of the UH system

32. List any similar classes taught at campuses in the UH System.
33. How, if at all, is the course intended to count in lieu of a course taught at a four-year campus.

34. How, if at all, is the course similar to upper-division courses in the UH System.

35. How does the course articulate with four-year programs (Gen Ed)?

36. List any articulations between this course and any four-year program.

End of Proposal