Common Course Outline
VETT 202
Veterinary Imaging
3 Credits

Community College of Baltimore County

Description

VETT 202 – Veterinary Imaging introduces principles and uses of veterinary imaging in diagnosis and treatment protocols. Topics include positioning, fundamentals of processing, radiographic techniques, and radiation safety procedures.

3 Credits

Prerequisites: VETT 111, VETT 112, VETT 113, VETT 114, VETT 212

Overall Course Objectives

Upon completion of this course students will be able to:
1. summarize radiographic imaging theory and terminology;
2. demonstrate radiographic imaging procedures;
3. compose a personal safety plan when performing radiographic imaging;
4. explain standard radiographic positioning of companion animals;
5. use the radiographic technique chart;
6. compare special positive and negative imaging procedures for patient diagnosis;
7. summarize the principles of ultrasonography;
8. demonstrate basic patient positioning for proper ultrasound images;
9. differentiate the relationship between patient density and the ultrasound image;
10. explain the process for recording imaging information in the patient record; and
11. demonstrate the procedure for transmitting an image to another clinic.

Major Topics
   I. Production and properties of radiographs
  II. Radiation safety
 III. Recording image into patient record
  IV. Radiographic positioners
   V. Radiographic quality
  VI. Radiographic technique charts
 VII. Exposure factors
VIII. Patient positioning
  IX. Imaging terminology
   X. Special radiographic procedures
  XI. Portable radiology machine
 XII. Ultrasonography

Course Requirements
Grading procedures will be determined by the individual faculty member but will include the following:

Grading/Exams
- A minimum of two examinations
- A minimum of two quizzes

Written Assignments: Students are required to use appropriate academic resources. American Psychological Association (APA) format is required for all submissions.

Other Course Requirements
A grade of C or higher is required for satisfactory completion of the course.

Revised: 10/03/2018