Common Course Outline
VETT 202
Veterinary Imaging
2 Credits

The Community College of Baltimore County

Description

VETT 202 – 2 credits – Veterinary Imaging introduces principles and uses of veterinary imaging in diagnosis and treatment protocols. The course; also introduces operation and safety precautions.

2 credits:

Pre- requisites:

VETT 112, VETT 113, VETT 114, VETT 211, VETT 212

Overall Course Objectives

Upon completion of this course students will be able to:
1. explain basic radiographic imaging theory and terminology;
2. describe basic radiographic imaging and personnel safety;
3. explain standard radiographic positioning of companion animals;
4. utilize the radiographic technique chart;
5. explain special positive and negative imaging procedures for patient diagnosis;
6. explain the principles of ultrasonography;
7. describe basic patient positioning for proper ultrasound images
8. explain the relationship between patient density and the ultrasound image;
9. explain the process for recording imaging information in the patient record; and
10. explain 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 machines

XII. Ultrasonography

Course Requirements

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

Grading/exams:
1. Two exams – mid-term and final (final is a cumulative examination)
2. Weekly quizzes- minimum of ten
3. Every two unexcused absences will decrease final grade by one letter

Other Course Information

This course is the first course in a required two-course sequence.

Date revised: 1/15/13