

**Common Course Outline**  
**VETT 222**  
**Veterinary Imaging Laboratory**  
**1 Credit**

**The Community College of Baltimore County**

**Description**

**VETT 222– 1 credit – Veterinary Imaging Laboratory** provides the student with the opportunity to apply the concepts addressed in the Veterinary Imaging course (VETT 202) as they pertain to normal clinical situations.

**1 credit:** 3 laboratory hours

**Pre- requisites:**

VETT 202 with a grade of “C” or better.

**Overall Course Objectives**

Upon completion of this course students will be able to:

1. demonstrate the proper positioning of the patient for taking the appropriate radiographs of the spine, skull, chest, abdomen, pelvis, fore limb, and hind limb;
2. properly adjust the x-ray machine for a quality diagnostic radiograph;
3. utilize the x-ray machine's technique chart to provide a quality diagnostic radiograph;
4. demonstrate the difference between positive and negative contrast studies as tools for enhancing the radiograph's ability to provide information;
5. utilize the advantages of digital radiography for improved radiographic quality; and
6. demonstrate the proper positioning of the patient for specific ultrasonography procedures.

**Major Topics**

- I. Proper radiographic positioning:
  - A. Skull
  - B. Spine
  - C. Chest
  - D. Abdomen
  - E. Pelvis
  - F. Fore limb
  - G. Hind Limb
- II. X-ray machine adjustments
- III. Technique charts
- IV. Digital radiography
- V. Ultrasound

## **Course Requirements**

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

### **Grading/exams:**

1. Two written examinations, including a cumulative final exam.
2. Every two unexcused absences will decrease the final grade by one letter.

## **Other Course Information**

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