

VETT 223

Veterinary Surgical Procedures and Anesthesiology Laboratory

1 Credit: 3 hours lab

Community College of Baltimore County

Common Course Outline

Description

VETT 223 – Veterinary Surgical Procedures and Anesthesiology Laboratory: provides the student with the opportunity to apply the information and skills presented in VETT 203, Veterinary Surgical Procedures and Anesthesiology, and participate in typical surgical procedures encountered in a veterinary hospital setting.

Pre-requisite(s): VETT 112, VETT 113, VETT 114, VETT 212, VETT 202, VETT 213

Co-requisite(s): VETT 208, VETT 209, VETT 222

Overall Course Objectives

Upon completion of this course, students will be able to:

1. perform a physical examination;
2. calculate intravenous drip rates;
3. calculate accurate dosages;
4. perform intravenous catheterization;
5. administer intravenous fluids;
6. perform pre-anesthetic laboratory procedures;
7. monitor patient during a surgical procedure using standard veterinary equipment;
8. justify assessment symptoms requiring veterinarian notification in the post operative patient;
9. utilize the various types of inhalant anesthetic delivery systems;
10. perform endotracheal intubation;
11. perform sterilization of surgical packs;
12. prepare the surgical room for a surgical procedure;
13. perform patient preparation for surgery; and
14. perform recommended surgical scrub, and dress in appropriate attire for assisting in the surgery room.

Major Topics

- I. Patient evaluation and pre-anesthetic considerations
- II. Fluid therapy
- III. Patient monitoring
- IV. Injectable anesthetics
- V. Inhalant anesthetics
- VI. Anesthetic emergencies
- VII. Anesthesia of the compromised patient
- VIII. Instruments and instrument care
- IX. Surgical preparation

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor's syllabus.

X. Selected surgical procedures

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- Two examinations
- Two quizzes
- Two assignments
- Required attendance at all labs; simulation and live-patient surgeries

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the most current APA format.

Other Course Information

An overall grade of “C” (70%) or higher is required for satisfactory completion of the course.

Date Revised: 3/4/2025