

VETT 111
Animal Nutrition
2 Credits

Community College of Baltimore County
Common Course Outline

Description

VETT 111 – Animal Nutrition: introduces the fundamentals of nutrition in domestic and companion animal species. Topics include nutrients, the digestive process, and application to the health and well-being of various species. Terminology is emphasized. Basic information about nutrients found in pet foods and supplements is presented. Practical information about diets and feeding is provided, including evaluation of commercial products and nutritional strategies for different life stages of dogs and cats.

Pre-requisite(s): Admission into the Veterinary Technology program

Overall Course Objectives

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

1. explain the basic components of nutrition;
2. discuss the nutritional requirements for domestic and companion animals;
3. explain the labels of commercial pet food products;
4. assess the nutritional needs across the lifespan;
5. identify nutrient deficiencies and toxicities;
6. explain the nutritional needs of the hospitalized and debilitated animal; and
7. formulate a balanced ration.

Major Topics

- I. Introduction to nutrition
- II. Digestion in different animals
- III. Carbohydrates
- IV. Lipids
- V. Proteins
- VI. Vitamins
- VII. Minerals
- VIII. Growth-affecting substances
- IX. Feed classifications
- X. Ration formulas and calculations
- XI. Nutrition and disease
- XII. Nutrition and age

Course Requirements

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

The Common Course Outline (CCO) determines the essential nature of each course.
For more information, see your professor's syllabus.

- Two examinations

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

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