

Common Course Outline

VETT 111

Animal Nutrition

2 Credits

Community College of Baltimore County

Description

VETT 111 – Animal Nutrition introduces the functioning of the digestive system and the nutritional needs of each class of animals across the life span. Students focus on the commonly used feeds within the United States. Ration balancing techniques are covered.

2 Credits

Prerequisite: Permission from the Program Coordinator

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 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 and balance a 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
- XI. Nutrition and disease
- XII. Nutrition and age

Course Requirements

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

Grading/exams:

- A minimum of three exams
- 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 Information

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