

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY  
VET 211- ANIMAL DISEASES I (2 CR.)**

**Course Description**

Describes animal health and disease, surgical techniques, and animal behavior. Part I of II. Lecture 2 hours. Total 2 hour per week.

**General Course Purpose**

This course is a survey of the major infectious and noninfectious diseases affecting companion small animals, the dog and cat. It also covers the veterinary technician's role in management of diseases in veterinary practice.

**Course Prerequisites/Corequisites**

Enrollment is limited to those students program-placed in the veterinary technology curriculum or those students with special approval from the program head.

**Course Objectives**

Upon completion of this course, the student will be able to:

- Summarize the common diseases, by body systems, of canine and feline species
- Describe the etiology, pathology, clinical signs, methods of diagnosis, treatment, prevention, and public health significance of major canine and feline diseases
- Explain the veterinary technician's role in the nursing care management of the diseases presented
- Identify and choose proper handling and restraint techniques for routine medical care
- Distinguish normal and abnormal findings on the physical examination, based on body systems
- Recognize clinical signs and behavior related to specific medical problems and diseases of the various body systems of animals
- Evaluate a vaccination program for the prevention and control of infectious disease in the dog and cat
- Describe and evaluate protocols for infection control in the hospital setting
- Identify signs of pain and distress
- Make recommendations to improve comfort for the recuperating animal patient
- Explain to clients about routine preventative care and medical treatment plans

**Major Topics To Be Covered**

- Common zoonotic diseases of the dog and cat and their significance to public health, including prevention and control
- Common infectious and noninfectious diseases of the dog and cat
- Control of infectious disease in the hospital setting utilizing sanitation methods and isolation protocols
- Concept of universal precautions
- Review of basic anatomy and physiology of body systems
- Review of physical examination based on body systems
- Vaccination procedure and protocols
- Rabies regulations
- Reportable diseases
- Review of nursing care techniques in the management of disease in the dog and cat
- Role of the veterinary technician in the prevention and control of diseases of the dog and cat
- Role of the veterinary technician in client education