

# NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE

## COURSE SYLLABUS

**Course Title:** Animal Pathology

**Course #:** VET\*220

**Course Description:** 3 semester hours. This course is the study of the more common diseases affecting domestic and farm animals. The causation, progression, transmission, treatment, and prevention are presented. The impact on public health and the role of the veterinary professional are discussed.

**Pre-requisite/Co-requisite:** MED\* 125, VET\* 151, 152, 201, 202, 205, 230

**Goals:** The student should develop an understanding of the disease process along with the associated pathology affecting the animal patient.

**Outcomes:** Upon completion of this course the student should be able to:

- Discuss disease prevention
  - Describe appropriate sanitation and isolation procedures
  - List diseases for which vaccines provide prophylaxis
  - Know the core vaccines for companion animal species and livestock
- Discuss diagnostic procedures and treatment protocols for specific diseases
  - Describe the appropriate diagnostic specimens collected for diagnosis of specific diseases
  - Explain how to ensure the safety of the patient, clients and staff when collecting specimens
  - Demonstrate understanding of the roles of urinalysis, whole blood and serum analysis, parasitology, coprology, cytology, microbiology, and body fluid analysis in the diagnosis of specific diseases
  - Describe the role that nutrition plays in treating and preventing specific endocrine and metabolic diseases
  - Explain key nutrition factors in selected disease conditions
  - Identify and describe common poisonous plants and explain the primary effects of the toxic substance contained
  - Identify common substances that cause toxicity when ingested and describe the primary effect of the toxin.
  - Describe methods to monitor therapeutic response to treatment
- Discuss various diseases with clients and offer valuable information
  - Deliver written and verbal client communication in a professional manner.
- Discuss the significance of potential public health hazards associated with animal disease
  - Recognize the role of state and federal agencies in the control of reportable diseases.

- Explain potential zoonotic diseases of wildlife and the reasons for the inadvisability of keeping wildlife as pets
- Describe common and uncommon zoonoses and the personal protective measures that should be taken.
- Describe restraint and handling of non-human primates and explain the risk of acquiring severe zoonoses from these species

## **College Policies**

**Plagiarism:** Plagiarism and Academic Dishonesty are not tolerated at Northwestern Connecticut Community College. Violators of this policy will be subject to sanctions ranging from failure of the assignment (receiving a zero), failing the course, being removed/expelled from the program and/or the College. Please refer to your “Student Handbook” under “Policy on Student Rights,” the Section entitled “Student Discipline,” or the College catalog for additional information.

**Americans with Disabilities Act (ADA):** The College will make reasonable accommodations for persons with documented learning, physical, or psychiatric disabilities. Students should notify Dr. Christine Woodcock, the Counselor for Students with Disabilities. She is located at Green Woods Hall, in the Center for Student Development. Her phone number is 860-738-6318 and her email is [cwoodcock@nwcc.edu](mailto:cwoodcock@nwcc.edu).

**School Cancellations:** If snowy or icy driving conditions cause the postponement or cancellation of classes, announcements will be made on local radio and television stations and posted on the College’s website at [www.nwcc.edu](http://www.nwcc.edu). Students may also call the College directly at **(860) 738-6464** to hear a recorded message concerning any inclement weather closings. Students are urged to exercise their own judgment if road conditions in their localities are hazardous.

*"Some course content as presented in Blackboard Learn is not fully supported on mobile devices at this time. While mobile devices provide convenient access to check in and read information about your courses, they should not be used to perform work such as taking tests, quizzes, completing assignments, or submitting substantive discussion posts."*

**Sexual Assault and Intimate Partner Violence Resource Team:** NCCC is committed to creating a community that is safe and supportive of people of all gender and sexual identities. This pertains to the entire campus community, whether on ground or virtual, students, faculty, or staff. Sexual assault and intimate partner violence is an affront to our national conscience, and one we cannot ignore. It is our hope that no one within our campus community will become a victim of these crimes. However, if it occurs, NCCC has created the SART Team - Sexual Assault and Intimate Partner Violence Resource Team - to meet the victim’s needs.

SART is a campus and community based team that is fully trained to provide trauma-informed compassionate service and referrals for comprehensive care. The team works in partnership with The Susan B. Anthony Project to extend services 24 hours a day, 7 days a week throughout the year.

The NCCC team members are:

Ruth Gonzalez, PHD	860-738-6315	Greenwoods Hall Room 220
Susan Berg	860-738-6342	Greenwoods Hall Room 223
Kathleen Chapman	860-738-6344	Greenwoods Hall Room 110
Michael Emanuel	860-738-6389	Founders Annex Room 308
Gary Greco	860-738-6397 (V)	Founders Hall Room 101
	860-469-3138 (VP)	
Robin Orlomoski	860-738-6416	Business Office Room 201
Patricia Bouffard, Ex-Officio	860-738-6319	Founders Hall Room 103

At NCCC we care about our students, staff and faculty and their well-being. It is our intention to facilitate the resources needed to help achieve both physical and emotional health.

**Reasonable Accommodation of Religious Practices:** Students have an obligation to notify the instructor in a timely manner regarding anticipated absences for religious observances. Requests should be made in writing stating the reason for the request, i.e., conflict with scheduled quiz, test, exam, assignment or activity, the religious observance that poses the conflict and the date or dates of such holiday. (LIM #2009-1)