NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE
COURSE SYLLABUS

Course Title: Veterinary Anatomy & Physiology I **Course #:** VET* 201

Course Description: 4 credits. This course is the first semester of a two semester sequence designed to provide a broad foundation in the structure and function of the major animal species for students intending to pursue a career as a Veterinary Technician or continue on with their education in veterinary science or a related field.

This course investigates the structure and function of the animal body in the species most commonly seen in veterinary practice, including companion animals, livestock, avian, laboratory animals and exotics. The laboratory component will allow students to gain experience with the tools and techniques used to study the body on a macroscopic and microscopic level. Students will investigate the connections between the study of anatomy and physiology and clinical veterinary medical and surgical practice.

Pre-requisite: BIO* 115 Human Biology or BIO* 121 General Biology

Goals:

- Explore the structure and function of the body for the major animal species of veterinary importance
- Understand and be able to employ veterinary-specific medical terminology as it applies to clinical veterinary practice
- Emphasize connections between the study of anatomy and physiology with clinical veterinary medical and surgical practice
- Share an awareness of current events and issues in veterinary medicine and surgery
- Support the development of veterinary technology students as informed, competent and responsible members of the veterinary profession.

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

- Recognize, identify and describe the structure and function of the organ systems of the major species seen in veterinary clinical practice including companion animals, livestock, avian, exotic and laboratory species
- Explain the regulatory processes involves in homeostasis
- Demonstrate microscopy and dissection skills as they pertain to the cytology, histology and anatomy of companion animal species
- Discuss and express an understanding of clinical applications of anatomy and physiology such as vaccination, diagnostic sampling, conducting physical examinations and treatment techniques in various species

Major sections of Veterinary Anatomy & Physiology I include:

Basic Anatomic Terminology

Cell Biology, Basic Chemistry and Genetics

Microscopy, Histology and Dissection

Integumentary System

Skeletal System

Muscular System

The Nervous System

Sense Organs

Endocrine Systems

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.

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. 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.

Use of Electronic Devices: 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 traumainformed 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, Ph.D.	860-738-6315	Green Woods Hall Room 207
Susan Berg	860-738-6342	Green Woods Hall Room 223
Kathleen Chapman	860-738-6344	Green Woods Hall Room 110
Michael Emanuel	860-738-6389	Founders Hall Annex Room 308
Seth Kershner	860-738-6481	Library
Jane O'Grady	860-738-6393	Founders Hall Annex Room 212
Robin Orlomoski	860-738-6416	Business Office Room 201
Patricia Bouffard, Ex-Officio	860-738-6319	Founders Hall Room 103
Savannah Schmitt		Student Representative

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.