

**NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE**

**COURSE SYLLABUS**

**Course Title:** Small Animal Veterinary Technology Lecture

**Course #:** VET 151

**Course Description:** 3 semester hours (3 hours lecture)

This course will introduce the student to small animal nursing procedures including laboratory animals and avian species. Included topics are restraint, physical examinations, medical and surgical nursing techniques and emergency care. The importance of client education and the role of the veterinary technician in the clinical setting will be stressed.

**Instructor:** Jenny Lukovsky, D.V.M..

**Goals:** The student will describe basic nursing procedures used in small animal and laboratory care facilities. The basic theory will be presented in lecture.

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

- describe methods of restraint used for small and laboratory animals
- explain SQ, IM, IV and IP injection techniques including appropriate selection of syringe and needle and verifying needle placement
- describe common ophthalmic and otic examination and treatment techniques performed in small animal practice.
- describe basic animal care procedures including therapeutic bathing, nail trimming, and anal gland expression
- estimate animals hydration status based upon physical examination
- calculate the volume of fluid needed to correct dehydration, provide maintenance fluid requirements, and address ongoing fluid losses, given the patient's weight and hydration status
- calculate IV fluid drip rates given type of administration set and volume to be administered over the specified period of time
- describe the proper care of patients with IV catheters and catheter maintenance
- describe the principles of blood transfusion including selection and screening of an appropriate donor, the types and uses of blood products, and cross-matching procedures
- identify common congenital or birth defects, describe appropriate care and feeding of orphan neonates, and describe stimulation techniques used with newborns
- describe proper placement and use of orogastric tubes
- properly describe how enemas are administered including choice of equipment and technique
- discuss the use of prescription diets in the clinical setting
  - demonstrate understanding of the role nutrition plays in treating and preventing metabolic and endocrine disease
  - show knowledge of nutritional supplements, vitamins, and minerals
- determine caloric needs and dietary requirements for:
  - Pediatrics
  - Pregnancy and nursing

- Geriatrics
- obesity
- demonstrate understanding of emergency care and procedures
  - Recognize the drugs and supplies needed to stock a crash cart
  - Describe the ABC's of CPR and the ABCDE's of patient triage
- interpret ECGs with recognition of common arrhythmias
- recognize and describe the use of various patient monitoring devices including blood pressure, CVP, pulse oximetry, and capnography
- discuss patient and personnel safety techniques and describe proper disposal of medical waste
- discuss wound healing and abscesses
- describe bandaging techniques and demonstrate ability to communicate proper care of bandages, splints, and casts to clients
- explain the proper care of a recumbent or debilitated patient
- discuss common diseases of small and laboratory animals including rats, mice, guinea pigs, and rabbits
- perform and supervise basic care procedures of dogs, cats, lab animals, and pocket pets: including administration of medications

### **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.

**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 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) 860-469-3138 (VP)	Founders Hall Room 101
Robin Orloski	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)