

COURSE NAME; NUMBER; SEMESTER; MEETING DAYS, TIMES, AND PLACE.

Introduction to Veterinary Technology (3 credits)

11:067:210, **Spring 2024**

Tuesdays @ 5:40 pm-8:40 PM

FOR 104

CONTACT INFORMATION:

Instructor(s): Meghan Carlucci, CVT

Course Coordinator: Aparna Zama, Ph.D.

Office Location: Bartlett 209A

Phone: 848 932 8495

Email: Meghan.Carlucci@rutgers.edu

Office Hours: By arrangement, email instructors

COURSE WEBSITE, RESOURCES AND MATERIALS:

- Class content, assignments, and assessments will be found at canvas.rutgers.edu
 - **It is the responsibility of the student to access Canvas regularly and keep up with the content and assignments**
- **Required textbook** for this course is *McCurnin's Clinical Textbook for Veterinary Technicians 10th Edition* by Bassert and Thomas. The syllabus contains a list of chapters that should be reviewed before the start of class each week.

COURSE DESCRIPTION:

The Introduction to Veterinary Technology (IVT) course offers a comprehensive introduction to the field of veterinary technology. Students will learn about the scope of the Veterinary Technician and Technologist profession and gain knowledge in husbandry, common companion animal diseases, behavior, triage, dentistry, and elements of veterinary nursing.

COURSE LEARNING GOALS:

See <https://animalsciences.rutgers.edu/undergraduate/mission.htm> for the full list of Animal Science program learning goals (PLGs)

PLG 1: Gain broad knowledge of the Animal Science discipline to understand the future of the field and its diversity.

PLG 4: Acquire skills for handling and caring for companion, laboratory animals, and livestock species.

The students will:

1. Understand the Veterinary Technician/Technologist profession. (PLG 1)
 - Assessment: Weekly quizzes and assignments.
2. Utilize basic biological principles and understand information regarding the behavior, life stages, and husbandry of dogs, cats, and avian/exotics species including breed identification. (PLG 1)
 - Assessment: Weekly quizzes and assignments.
3. Demonstrate principles learned in medical terminology analysis. (PLG 1)
 - Assessment: Weekly quizzes and assignments.
4. Develop and demonstrate an understanding of hands-on procedures and services that are part of Veterinary Technology including triage, nursing, anesthesia, and dentistry. (PLG 4)
 - Assessment: Mid-semester and final competency exams

ASSIGNMENTS/RESPONSIBILITIES, GRADING & ASSESSMENT:

- Assignments are due before the start of class. Assignments will be submitted through Canvas.
- Assignments submitted via email or any method other than Canvas will not be accepted.
- 10% will be deducted from the grade for every day assignment is late.
- Quizzes will be given at the start of class. There are no makeups for missed quizzes.
- Print all lecture materials (posted on Canvas) to take additional notes.
- If something is unclear in class, please ask questions immediately. We are here to help you learn. If you wait to ask it could have an impact on your learning.
- There will be a required field trip to a veterinary hospital as part of this course. The instructor will discuss details and dates.
- Participation in class is important. It will help you stay engaged with the material and make learning more interesting.
- No late work will be accepted after 8pm on Sunday, April 28th.

ABSENCE POLICY:

- 100% attendance is critical for success. Please pay attention to dates noted in the syllabus and clear all personal conflicts for attendance.
- You are responsible for any class material you miss due to lateness or absence.
- Students are expected to attend all classes; if you expect to miss one or two classes, please use the University absence reporting website <https://sims.rutgers.edu/ssra/> to indicate the date and reason for your absence. An email is automatically sent to me.
- Tardiness is unacceptable. If you are going to be late, please let your instructors know via email.
- Absences must be verified by the **Dean of Students office (deanofstudents@echo.rutgers.edu)**.

GRADING BREAKDOWN:

Final grade for the course will be calculated as follows:

Assignment	Percentage	Note
Quizzes	35% (8.75% each)	4 quizzes
Assignments	25% (5% each)	5 assignments
Mid-Course Competency	20%	First Half of Semester
Final Exam	20%	Second Half of Semester

GRADING SCHEME:

A= 90% or above, B+ = 85% - 89% , B = 80% - 84%, C+ = 75% - 79%, C = 70% - 74%, D = 60-69%, F = less than 60%

COURSE SCHEDULE:

Schedule (dates are subject to change)

Week	Date	Topic	Exercise/Lecture	Quiz?	Textbook Chapters to Review	DUE before the start of class on that date
1	1/16	Intro to course, syllabus review, what it's like to work in a vet practice	Course review and discussion of working at a vet office		1	
2	1/23	Husbandry, History, and PE	Client Role Play		3 and 7	Assignment: Why do you want to work in Veterinary Medicine?
3	1/30	Behavior/Restraint	Restraint Techniques		5 and 6	Client Intake Questionnaire
4	2/6	Veterinary Diagnostics 1 Imaging	Radiograph Positioning	Quiz #1	16	
5	2/13	Veterinary Diagnostics 2 Blood and Fluids	Blood Smears		12 and 13	Abbreviation/Terminology Worksheet
6	2/20	Parasitology/Preventatives	Preparing Cytologies	Quiz #2	14	
7	2/27	Wound Management/Bandaging	Bandaging Techniques		28	Common Parasites Assignment
8	3/5	Mid Term - Dentistry		Mid Term Exam	36	
	3/12	SPRING BREAK	SPRING BREAK			
9	3/19	Emergency/Critical Care Nursing	Venipuncture Lab		26	
10	3/26	Human Animal Bond		Quiz #3	38	Triage Assignment
11	4/2	Field Trip to NSV	Field Trip			
12	4/9	Avian/Exotics		Quiz #4	23	Site visit reflection
13	4/16	Small Animal Surgical Nursing/Aseptic Techniques	Suture Lab		32 and 33	Exotics Nutrition/Husbandry
14	4/23	Cool Case Studies	Lecture/Exercise	Quiz #5	N/A	
15	5/2	Final EXAM				

FINAL EXAM DATE AND TIME

Online Final exam Schedule: <http://finalexams.rutgers.edu/>

ACCOMODATIONS FOR STUDENTS WITH DISABILITIES

Please follow the procedures outlined at <https://ods.rutgers.edu/students/getting-registered>. Full policies and procedures are at <https://ods.rutgers.edu/>

ACADEMIC INTEGRITY

The university's policy on Academic Integrity is available at <http://academicintegrity.rutgers.edu/academic-integrity-policy>. The principles of academic integrity require that a student:

- properly acknowledge and cite all use of the ideas, results, or words of others.
- properly acknowledge all contributors to a given piece of work.
- make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
- obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
- treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
- uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that

- everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
- all student work is fairly evaluated and no student has an inappropriate advantage over others.
- the academic and ethical development of all students is fostered.
- the reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

DIVERSITY STATEMENT:

It is our intention that students of all backgrounds will be well served by this course. We will work to create an environment of inclusion which respects and affirms the inherent dignity, value, and uniqueness of all individuals, communities, and perspectives. We are lucky to have a diverse University. Diverse voices and life experiences enhance the learning process, and we welcome students to share their personal experiences. We acknowledge that some of the topics covered in this course may be emotionally difficult at times. We ask that you engage in discussion with care and empathy for the other members in the classroom. We will not tolerate disrespectful language or behavior against any individual or group. If you feel as though you have been disrespected or treated unfairly by the instructors or any other individual, please let us know. You may speak with the instructors in person, over email or report anonymously via the Office of Academic Programs. In addition, you may also report bias to the Rutgers Diversity and Inclusion initiative using this link:

<http://inclusion.rutgers.edu/report-bias-incident/>.

We are still in the process of learning about diverse perspectives and identities and always welcome discussion or anonymous feedback on how we can continue to improve. If you have a name and/or set of pronouns that differ from those that appear in your official Rutgers records, we would like to know so we can respect them.

STUDENT WELLNESS SERVICES

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ www.rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students' efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy,

group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: <https://ods.rutgers.edu/students/documentation-guidelines>. If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

DoSomething button through Rutgers Dean of Students office:

<http://health.rutgers.edu/do-something-to-help/>

Wellness Coaching through Rutgers HOPE:

<http://health.rutgers.edu/education/hope/wellness-coaching/>

Self-Help Apps found on the Rutgers Student Health website:

<http://health.rutgers.edu/education/self-help/self-help-apps/>

NJ Hopeline - (1-855-654-6735) | **National Suicide Hotline** - (1-800-273-8255)

BASIC NEEDS RESOURCES

Any student who has difficulty affording groceries or accessing sufficient food, or who lacks a safe and stable place to live, is urged to contact the Rutgers Student Food Pantry and/or the Dean of Students (details below). Furthermore, please notify the professor if you are comfortable doing so, as they may be able to provide additional support.

Rutgers Student Food Pantry

848-932-5500 / College Ave Student Center, Room 115 (126 College Ave) /

<http://ruoffcampus.rutgers.edu/food/>

Check their website for hours and additional locations. The Rutgers Student Food Pantry is dedicated to helping all Rutgers students in need of food, no questions asked. Students will be provided with groceries that typically last about one week.

Dean of Students Office

848-932-2300 / 88 College Avenue, New Brunswick, NJ 08901 / <http://deanofstudents.rutgers.edu/>

Mon-Fri, 8:30am-5:00pm

The Dean of Students Office at Rutgers University-New Brunswick provides solutions, services, and support to help students navigate Rutgers University. The Office serves as a student support network by providing advocacy, problem resolution, and critical incident intervention for those times when additional assistance is needed. Please call to schedule an appointment to meet with a representative from the Dean's office.