**Long Island University**
**College of Veterinary Medicine**
**COURSE OUTLINE**

**COURSE NUMBER:** DVM 720
**COURSE TITLE:** Small Animal Medicine II
**COURSE COORDINATOR:** Vien O, DVM
**INSTRUCTORS:** David Hunley (Oncology), Caroline Betbeze (Ophthalmology), Gordon Peddle & George Kramer (Cardiology), Gabby Hoffman (Respiratory/ Infectious Diseases), Jim Noxon (Dermatology)
**YEAR/SEMESTER:** Spring 2025
**OFFICE LOCATION:** Roth 309D
**TELEPHONE NUMBER:** 516-299-4127
**E-MAIL ADDRESS:** vien.o@liu.edu & individual instructors' emails
**OFFICE HOURS:** by appointment
**COURSE CREDIT:** 5
**COURSE DURATION:** Didactic lectures, 15 weeks

**COURSE DESCRIPTION:**
This course reviews pathophysiology, clinical signs, diagnosis, differential diagnoses, treatment, prevention, and prognosis of common conditions of dogs and cats, including oncology, ophthalmology, cardiology, respiratory/systemic infectious diseases, and dermatology.

**PREREQUISITE:**
Enrollment in semester 6 of the DVM program

**This Course Will Assist the Students in Meeting the Following Curricular Endpoints:**
PCC1. Demonstrate knowledge and understanding of the central biological principles and mechanisms that underlie animal health and disease from the molecular and cellular level to organismal and population manifestations.

PCC2. Demonstrate understanding of normal structure, function, homeostasis, pathophysiology, mechanisms of health/disease, and the natural history and manifestations of important domestic and global animal diseases in a diverse society.

CC1a. Demonstrate ability to perform comprehensive patient diagnosis and utilize problem solving skills to analyze a patient and develop a list of differential diagnoses.

CC1b. Demonstrate ability to perform comprehensive patient diagnosis and utilize problem solving skills to develop disease prevention strategies, therapeutic intervention plans, and/or biosecurity measures involving diseases of individual animals and populations.

CC1c. Demonstrate ability to perform comprehensive patient diagnosis and utilize problem solving skills to select, utilize, interpret and synthesize relevant physical and laboratory diagnostic procedures including diagnostic imaging and diagnostic pathology.

CC2. Demonstrate ability to develop a comprehensive treatment plan including patient referral when indicated.

CC3. Demonstrate ability to apply acquired knowledge in managing anesthesia, pain, and patient welfare.

CC4. Demonstrate ability in basic surgery skills and the evaluation of cases to provide case management.

CC5. Demonstrate proficient ability in basic medicine skills and the evaluation of cases to provide the adequate management.

CC6. Demonstrate proficient ability in emergency and intensive care case management.

CC7. Demonstrate ability to identify ways to prevent disease, identify organisms that require biosecurity measures, identify zoonotic disease and food safety issues and to promote awareness of the contributions of the veterinary profession to the overall public and professional healthcare teams.

CC8a. Demonstrate effective skills in client communications and ethical conduct as it relates to how to acquire information from clients (e.g. history) and about patients (e.g. medical records), to obtain, store and retrieve such information, and to communicate effectively with a diverse population of clients and colleagues.

CC8b. Demonstrate ethical conduct and understanding of professional ethics, influences of different cultures on the delivery of veterinary medical services to the public.

CC8c. Demonstrate knowledge, skills, values, attitudes, aptitude and behaviors necessary to address responsibly the health and well-being of animals in the context of the societal responsibilities of veterinarians and ever-changing societal expectations.

CC8d. Demonstrate basic knowledge of personal and small business management and awareness of the different career options in Veterinary Medicine.

CC9. Demonstrate solid knowledge of the role of research in furthering the practice of Veterinary Medicine.

**COURSE-SPECIFIC LEARNING OBJECTIVES**

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

1. Understand the anatomy and pathophysiology of neoplastic, ophthalmologic, cardiovascular, respiratory, systemic infectious, and dermatologic disoders.
2. Recognize the clinical signs of neoplastic, ophthalmologic, cardiovascular, respiratory, systemic infectious, and dermatologic disoders.
3. Generate a problem list and differential diagnoses, and propose a treatment plan accordingly, including diagnostics, treatment, and prognosis.

**WEEKLY COURSE OULINE** (schedule subject to change pending instructor's availability)

| Week | Topic |
|---|---|
| 1 | Oncology |
| 2 | Oncology / Ophthalmology |
| 3 | Ophthalmology / Cardiology |
| 4 | Cardiology |
| 5 | *No SAM lecture*, **Exam 1** |
| 6 | *No SAM lecture* |
| 7 | Cardiology |
| 8 | Cardiology |
| 9 | *SPRING BREAK* |
| 10 | Respiratory, **Exam 2** |
| 11 | Respiratory |
| 12 | Respiratory |
| 13 | Infectious Disease |
| 14 | Dermatology, **Exam 3** |
| 15 | *No SAM lecture* |
| 16 | **Final Exam** |

**CRITERIA FOR EVALUATION OF STUDENT PERFORMANCE**

| Exam | Percentage |
|---|---|
| Exam 1 (Onco + Ophtho) | 20% |
| Exam 2 (Cardio) | 20% |
| Exam 3 (Resp/Infectious) | 20% |
| Final Exam (cumulative) | 40% |
| TOTAL | 100% |

**GRADING POLICY**: Final grades and GPA are calculated as follows:

| Percentage | Grade | GPA |
|---|---|---|
| ≥90 | A | 4 |
| 88-89* | A- | 3.667 |
| 85-87* | B+ | 3.333 |
| 80-84* | B | 3 |
| 78-79* | B- | 2.667 |
| 75-77* | C+ | 2.33 |
| 70-74* | C | 2 |
| <69.5* | F | 0 |

*Any final grade with a decimal equal or greater than 0.5 will be rounded to the next higher whole integer.
**Grades are carried out to three decimal places, similar to GPA calculations, and are rounded to two, with the third always being zero, before coordinated with a letter grade.

## REQUIRED READINGS

- Ettinger S.J., E.C. Feldman, E. Cote. (2017). Textbook of Veterinary Internal Medicine. Diseases of the Dog and Cat. Volumes I and II. 8th ed. Saunders. ISBN 13: 9780323312110
- Sykes, J.E. Greene, C.E. (2022). Infectious Diseases of the Dog and Cat. 5th ed. Saunders. ISBN: 978-0323509343

## POLICIES AND PROCEDURES

*Didactic/Lecture Grade:* Dates of all examinations will be announced at the beginning of the semester. Progress and final exams are generally cumulative. Quizzes may be announced or unscheduled to ensure students are completing supplementary assignments during the semester.

*Missed Examinations:* It is the student's responsibility to take all exams and quizzes on the specified date. All excused absences must be approved by the Associate Dean for Academic Affairs. Students are expected to review the LIU CVM Student Handbook and Professional Catalog to be familiar with the requirements related to Absence from a Progress Examination or Final Examination.

*Conduct:* As veterinary students, you are representatives of our school and the veterinary profession. Professionalism, including respectful and considerate behavior towards others, including peers, members of the community, and animals in our care, is expected, whether in the classroom (lab and lecture) or during off-campus activities. Part of the laboratory grade will reflect the degree of professionalism displayed in the classroom (lab and lecture) and during off-campus activities. Actions such as inappropriate language, mistreating of animals and fellow students, cheating on exams, graffiti, and other similarly inappropriate behaviors will not be tolerated.
Students should familiarize themselves with the LIU CVM Student Conduct policy in the LIU CVM Professional Catalog as well as Long Island University's Student Code of Conduct.
Students should also be aware of reporting options through the CVM and the University.

> *College reporting:* Students may report concerns to a Course Coordinator/faculty member, Department Head, Assistant Dean for Student Affairs, or Associate Dean for Academic Affairs.
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> *University reporting:*
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> 1. Public Safety – Students can go to Public Safety and file a report. Please note that Public Safety is open and available 24/7 and all year. The number for Public Safety is (516) 299-2222.
>
> 2. Ethics Point – This is a confidential internet and telephone-based reporting tool for faculty, staff, and students. The following link will give you access to Ethics Point: EthicsPoint - Long Island University.
>
> 3. Student Affairs – Students can visit Student Affairs located in Hillwood Commons 100. They can make a report in person or send an email to StudentAffairs@liu.edu.

*Attendance Policy*: The University expects that each student will exercise personal responsibility with regard to class attendance. All students are strongly encouraged to attend every class session for each course for which they are registered. Students are responsible for all that transpires in class, whether or not they are in attendance.
Attendance is mandatory for all students in laboratories, clinical skills courses, and experiential activities. Attendance in laboratories is required. Because of scheduling restrictions, students are not able to switch lab sections. Regrettably, most laboratories and all case discussions cannot be made up. Contact the Course Coordinator and Associate Dean for Academic Affairs to discuss attendance questions, such as requesting an excused absence.

*Rabies Inoculations:* In addition to providing proof of the mandatory immunizations for measles, mumps, and rubella (MMR) and meningitis, all incoming veterinary students must provide written proof of being currently inoculated for rabies. This is a program requirement. This requirement is made to benefit students' health and comply with the recommendations made by our accrediting agency, the American Veterinary Medical Association Council on Education. Proof of MMR and meningitis vaccination must be submitted on the Immunization Portal (https://webapps3.liu.edu/immunization/Login.aspx) prior to the beginning of the first semester of classes. Proof of Rabies vaccination or titers must be submitted to the College of Veterinary Medicine prior to the beginning of the first semester of classes.

*Students with Disabilities:* In compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, including changes made by the ADA Amendments Act of 2008, Course Coordinators will make accommodations for students with disabilities. Please contact the office of Disability Support Services in The Learning Center at 516-299-3057 or by emailing Post-learningcenter@liu.edu to take appropriate steps to develop an appropriate educational plan. After determining a plan with the student, the Learning Center will communicate any plans or accommodations directly with the Associate Dean for Academic Affairs and Assistant Dean for Student Affairs. Course Coordinators are provided these plans for students registered in their courses.
If you are a student with a documented disability, medical condition, or think you may have a disability, and will need accommodations, academic adjustments, auxiliary aids, or other services, please contact the Office of Disability Support Services by calling 516-299-3057 or emailing Post-learningcenter@liu.edu to request services, accommodations or for additional information. Additional information is also available on the DSS website: www.liu.edu/post/dss.

*Tutoring:* The LIU CVM is supported by the LIU Learning Center to provide tutoring in all first- and second-year courses. Tutoring information will be provided to CVM students at the beginning of each semester.

*Academic Conduct Policy*: The Academic Conduct Policy of LIU Post promotes an academic community characterized by respect, honesty, originality, and fairness. Academic misconduct such as plagiarism, cheating, fabrication, sabotage, or assisting someone in the committing of any of the acts, is a violation of this Policy. Students are expected to conduct themselves in accordance with the highest academic standards of honesty and integrity. The acts of, or the

intent to engage in the acts of, cheating, plagiarism, illegitimate possession and/or disposition of examinations, and similar acts, are grounds for suspension or dismissal from the university. Information about this policy and resources to prevent to prevent violating it can be found in the LIU CVM Professional Catalog (Academic Conduct Policy and LIU CVM Honor Code) and LIU Academic Conduct Policy (https://liu.edu/content/policy/aa/AA-Student-Academic-Conduct-Policy.pdf).
Students are also required to familiarize themselves with all university policies as outlined in the student handbook and the university website. If you have questions about these policies, please ask your professor.

*Photography/video recordings*: Photography and/or video recordings of animals or procedures involving animals are allowed for personal or educational use only. Photographs and video recordings may not be shared in any public venue or social media site. Posting or sharing such media is considered unprofessional behavior.

*Copyright and File Sharing Notice:* Materials in this course, unless otherwise indicated, are protected by United States copyright law [Title 17, US Code]. These materials (including lecture capture) are presented in an educational context for personal use and study; they should not be shared, distributed or sold in print, or digitally, outside of the course without permission. This includes providing or uploading materials to commercial or external educational services such as CourseHero or Chegg. If a user fails to comply with Fair Use restrictions, they may be liable for copyright infringement.
As a student you may utilize, link, or post to copyrighted materials in the educational environment under US copyright law exemption. However, this use may not be shown, transmitted, or broadcast outside the institution and no copies may be distributed. Faculty and staff reserve the right to remove or disable student use of copyrighted materials if in their judgement it would involve violation of copyright law.

*Email Communication:* All email communication with course instructors, faculty, and staff must be carried out professionally. All students have an LIU email account for all course-related communication and will be held responsible for checking emails regularly. Email communications must be respectful and professional at all times, including formal introduction and correct spelling and grammar.

*Writing support*: The Writing Center provides free and friendly writing assistance to all students. They can work with you at any point in your writing process to help you understand an assignment, develop and organize your ideas, cite your sources, and polish your writing. The center is open Monday through Thursday from 10 AM – 9 PM and Friday from 10 AM – 4 PM. To schedule an appointment, stop into the Writing Center (main floor of Library in the Learning Center), email us at Post-WC@liu.edu, or call us at 516-299-2732.

Webpage: https://liu.edu/student-success/learning-center/writing-center
Location: The Learning Center – Library Main Floor
Email: Post-WC@liu.edu
Phone: 516-299-2732

*The Center for Healthy Living:* The Center for Healthy Living provides mental health counseling, nutrition counseling, and health services to Long Island University students. Long Island University students have access to on-campus mental health counseling services, nutrition counseling, religious and spiritual counseling, and access to tele-heath and local in-person health care. The Center for Healthy Living has licensed mental health professionals, graduate student therapists, and nutritionists to provide consultation and support. Medical referrals are made in partnership with Northwell Health - GoHealth.
The Center for Healthy Living is a collaboration of on-campus resources and strong partnerships with local health organizations and professionals, including The Northwell Health Behavioral Health College Partnership, Northwell Health - Go Health, the LIU Post Psychological Services Center, and the LIU Post Nutrition Department.

Website: www.liu.edu/post/healthyliving
Location: Post Hall – South Entrance (parking lot side of building)
Email: Post-HealthyLiving@liu.edu
Phone: 516-299-3468

*University Policies and Information*:
LIU's Academic Affairs policies are located on the University website at:
https://liu.edu/about/LIU-policy/ policy-by-category-listing

LIU Academic Catalogs may be found at:
https://liu.edu/enrollment-services/registration/academic-catalogs

The LU Academic Calendar may be found at:
https://liu.edu/enrollment-services/registration/academic-calendar