

**College of Veterinary Medicine
University of Florida
Course Syllabus**

Name of Course: Advanced Small Animal Airway and Thoracic Surgery

Course Number: VME 6710C

Catalog Description of Course:

- This course will be an intensive review of surgical diseases of the thorax and respiratory tract in cats and dogs. Lectures will focus on the etiology, diagnosis, surgical treatment, and prognosis for each of the discussed conditions. Surgical approach options will be described and discussed in depth including location, positioning, technique, instrumentation and procedural steps. These procedures will be practiced in the laboratory setting on cadavers.

Prerequisites, Co-requisites and Enforced Prerequisites

- Baccalaureate degree or permission of an academic advisor of a student in a premedical Baccalaureate program such as animal science, biology, or physiology; or enrollment in a graduate clinical or laboratory medicine or surgery program

Maximum enrollment: 15 students

Number of term credits: 1

Duration and class times: Lectures and laboratories will be scheduled one morning each week from 8:30-9:20 AM to accommodate clinical responsibilities of involved residents and faculty. The course will span the duration of the semester. Laboratory sessions are scheduled in the same time period as lectures.

Lecture room: Veterinary Academic Building, Banfield B Room (340 B)

Instructors

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Course organizer/coordinator:

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The best way to contact us is via email. If needed, we are happy set up a time for individual phone calls.

Course Objectives

This course is designed for graduate students whose interest and career objectives are to perform clinical and/or experimental surgery for the treatment of disease in companion animals such as dogs and cats.

- Students will examine the etiology and pathophysiology of airway thoracic surgical diseases
- Students will examine the clinical and diagnostic abnormalities characteristic to each condition.
- Students will formulate a surgical and medical treatment plan for animals affected with any of the conditions covered in the course.
- Students will produce comprehensive post-operative treatment plans based on pertinent patient variables and an understanding of respiratory physiology
- Students will prognosticate the short- and long-term outcome for an animal affected with each of the conditions discussed in this course.
- Students will prepare to perform select procedures through hands-on laboratories.

Topical outline of lectures:

<i>Week</i>	<i>Topic</i>	<i>Instructor</i>
1 – Aug 24	Imaging & Anatomy of the Thorax and Upper Airway	Spoldi
2 – Aug 31	Palatal defects	Fox-Alvarez
3 – Sept 9 (Thurs, Zoom)	Brachycephalic Airway Syndrome	Fox-Alvarez
4 – Sept 14	Surgery of the Larynx and Trachea	Regier
5 – Sept 21	Anesthesia & Pain Management for Thoracic Surgery Patients	Pablo
6 – Sept 28	Cardiac Surgery	Souza
7 – Oct 5	Thoracic Approaches and Thoracic Wall Reconstruction	Bertran

8 – Oct 12	Thoracic Approaches and Thoracic Wall Reconstruction Lecture	Bertran
9 – Oct 19	Esophageal Surgery	Fox-Alvarez
10 – Oct 26	Pleural Disease	Ham
11 – Nov 2	Surgical Disease of the Lung	Maxwell
12 – Nov 9	Thymic & Lymphatic Disease	Case
13 – Nov 16	Thoracic Duct Ligation & Cysterna Chyli Ablation Lab	Case
14 – Nov 23 (Tues)	Emergency and post-op management of thoracic surgery patients	Oduayo
15 – Nov 30	Final Exam	Fox-Alvarez
16 – Dec 7	Final Exam Review	Fox-Alvarez

Grading Scale

	<u>Percentage</u>
A	90 or above
A-	87-89
B+	84-86
B	80-83
B-	77-79
C+	74-76
C	70-73
C-	67-69
D+	64-66
D	60-63
D-	57-59
E	56 or below

For more information on grade points and UF grading policies, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Assessment

Laboratory: Two laboratories will be held in which each student will perform a series of procedures under expert guidance. The students will receive a grade based on their ability to successfully, as judged by assigned faculty, perform the laboratory exercise. The cumulative possible points for both laboratories will account for 30% of the total course grade.

Case Presentation: Each student will be assigned an individual topic to generate a brief (5 slides) board exam styled case-based presentation quiz for their classmates to reinforce materials covered in the lectures and lab. The case presentation is participation based and worth 30% of the total course grade.

Exam: One final exam will be administered during the semester. Specific details regarding the exams and proctoring will be given closer to the exam dates. The exam will be 50 minutes in length. The cumulative final examination will cover clinically pertinent, evidence-based material from lectures and laboratories presented in a case-based format with case questions generated by students in their case presentation

assignments. The format will be a combination of short answer, fill in the blank, and multiple choice questions. A mandatory final exam review period will take place the week after the final exam to facilitate group discussion of the correct answers. The exam is graded and worth 40% of the students' grade.

Assessment Breakdown

Exam	40%
Laboratory participation	30%
Case Presentation	30%
Total	100%

Make up and attendance policy: Please contact Dr. Fox-Alvarez directly regarding any serious illnesses, family emergencies, or prolonged absences that result in missed work. Any absences will require written verification. As a student, it is your choice to take all exams. If you choose to not take a quiz or exam because of another activity (work, social engagement, etc), then you will earn a zero for the grade. If an exam in this course conflicts with an exam time for another course, please contact Dr. Fox-Alvarez as early in the semester as possible to coordinate an alternate exam time.

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Textbook: The recommended textbooks for this course are:

Veterinary Surgery: Small Animal, 2nd ed. by Johnson and Tobias

Small Animal Surgery: 4th ed. by Fossum, 2013

Small animal soft tissue surgery. by Monnet

All scientific research articles discussed in lecture

Course structure: The course is structured into 16 Weeks – with either an hour of lecture or a laboratory session scheduled each week of the semester.

Office hours: Office hours are available by email appointment with Dr. Fox-Alvarez. To set up office hours, contact Dr. Fox-Alvarez via email at walvarez@ufl.edu

Disability Resource Center

<http://www.dso.ufl.edu/drc/>

Students in need of accommodations should directly contact the DRC to begin the approval and implementation process. The Disability Resource Center (DRC) is located on the main UF campus and is available for students who request accommodations. OSI on the CVM campus works closely with the DRC to ensure student accommodations are met as articulated by the DRC. The DRC is able to assist students in receiving accommodations such as extended time for exams, low distraction environment, test reader or scribe and note-taking services. Please contact the DRC for more information on their processes and requirements (352-392-8565).

Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

UF Honesty Policy

UF students are bound by The Honor Pledge, which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: ‘On my honor, I have neither given nor received unauthorized aid in doing this assignment.’” The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honorcode/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor.

Campus Resources

Contact information for the Counseling and Wellness Center:
<http://www.counseling.ufl.edu/cwc/Default.aspx>, 392-1575

Contact information for the University Police Department: 392-1111 or 9-1-1 for emergencies.

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to,