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<https://new.tamuc.edu/coronavirus/>

ANS 597 Advanced Spay Neuter Surgical Techniques

CRN 30387

COURSE SYLLABUS: May Mini 2023

Mon-Thur 10:00am- 3:50pm

INSTRUCTOR INFORMATION

Instructor: **Dr. Amy DeLisle, DVM, MEd.**

Office Location: AGIT 233A or Vet Tech Lab

Office Hours: by appointment

Office Phone: 903-886-5680 or office at Vet Tech Lab 903-886-5203

Office Fax: 903-886-5990

University Email Address: Amanda.Delisle@tamuc.edu

Preferred Form of Communication: email

Communication Response Time: 48 hours

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Required:

- Reading material will be provided

Textbooks Recommended:

- High Volume Spay and Neuter: A Safe and Time Efficient Approach, 1st Edition
 - Author : Victoria Valdez

Software Required: Any Internet vehicle including Google Chrome, Firefox, etc that follows that below supported browsers. Also, lecture materials, supplemental worksheets, videos, and slides will be available on D2L which will need to be opened using Adobe PDF, Microsoft Word, and Microsoft Power Point.

The syllabus/schedule are subject to change.

Optional Texts and/or Materials: There will be links to images, videos, and other supplemental materials.

Course Description

This course provides a comprehensive introduction to high volume spay/neuter techniques in veterinary medicine. Students will gain practical knowledge and skills necessary for assisting with high-quality, efficient spay and neuter surgeries on dogs and cats. The course will cover surgical techniques, patient management, anesthesia protocols, perioperative care, and post-operative monitoring. Emphasis will be placed on improving surgical efficiency while ensuring patient safety and well-being.

Student Learning Outcomes

1. Understand the principles and techniques of high volume spay/neuter surgeries.
2. Demonstrate proficiency in assisting in surgical sterilization techniques for dogs and cats.
3. Apply appropriate anesthesia protocols for high volume spay/neuter procedures.
4. Effectively manage perioperative care and post-operative monitoring of patients.
5. Identify and manage potential surgical complications during high volume spay/neuter surgeries.
6. Utilize efficient peri-operative surgical practices to maximize surgical output while maintaining surgical quality.
7. Recognize the importance of ethical considerations and community impact in high volume spay/neuter programs.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Examples include: Using the learning management system, using Microsoft Word and PowerPoint, using presentation and graphics programs, etc.

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Instructional Methods

This course will be using the d2L learning platform with face to face labs. D2L is how lectures content, assignments, discussions and quizzes/tests will be delivered.

Student Responsibilities or Tips for Success in the Course

- **Participation:**
 - This is a very fast paced course and all content will be delivered over 3 weeks.
 - Regularly logging into the course website
 - 2-3 times daily
 - approximately 4-6 hours of daily study
 - 2-4 hours of participation time expected.
 - These anticipated times are an estimation and may require more or less.

- **Communication:**
 - The instructor will communicate with students through email and the D2L website.

GRADING

1. **Participation/ Attendance**

- You are expected to come to class as well as complete online work through d2L.

2. **Assignments/ Worksheets**

- There will be a variety of worksheets/assignments/homework etc.
- **Late work:** Work will be due at a specific date and time which is clearly indicated. **NO LATE WORK WILL BE ACCEPTED!**

3. **Journal Club and Rounds:**

- As is a common practice in veterinary medicine we will have discussions aka "Rounds".
- You will be expected to comment on at LEAST 2 other classmates. A good back and forth with comments, thoughts and additional questions are what makes "Rounds" a useful tool for learning even more from each other.
- These posts need to be well thought out and exhibit critical thinking and meet all points listed within the initial discussion prompt to receive full credit. All posts and replies to posts need to be professional.
- This is often done in an online format on the Veterinary Support Personnel Network (VSPN) and Veterinary Information Network (VIN) and in a face to face format in vet

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tech school, vet school, internships and residency programs. It is a crucial learning tool in veterinary medicine.

4. Mandatory Labs:

- Missing any of the labs will result in a failure of the course
- You must show up prepared for the lab:
 - i. Appropriate dress
 1. Closed toed shoes
 2. Scrubs
 3. Lab coat
 4. Pen/pencil, paper, textbooks
 - ii. Having done any pre-lab activity required

5. Final Exam 6/1

- The final exam will be comprehensive/cumulative and will be given face to face.

Participation	50
Journal Club and Rounds 15pts x 10	150
Assignments (20-40 points) x 8	200
Lab Reports (50 points x 3)	150
Quizzes (10-40 points x 10)	150
Exams (50pts x 2)	100
Grad Bone Disease Research Paper	50
Grad Case Presentation	100
Total	1100

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

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YouSeeU Virtual Classroom Requirements:

<https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements>

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

The instructor's communication response time and feedback on assessments will be as quickly as possible.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Late work will not be accepted.

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Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Guidebook](#).

<http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

TAMUC Attendance

For more information about the attendance policy please visit the [Attendance](#) webpage and [Procedure 13.99.99.R0.01](#).

<http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf>

Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf>

[Graduate Student Academic Dishonesty Form](#)

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<http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf>

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf>

Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

Texas A&M University-Commerce

Velma K. Waters Library Rm 162

Phone (903) 886-5150 or (903) 886-5835

Fax (903) 468-8148

Email: studentdisabilityservices@tamuc.edu

Website: [Office of Student Disability Resources and Services](#)

<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

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For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit www.tamuc.edu/counsel

Department or Accrediting Agency Required Content

COURSE OUTLINE / CALENDAR

	Days	Module	Topics	Assessment
Week 1 May 15 -21	May 15 - 21	INTRO	Syllabus and Intro Video	NONE
	May 15	Module 1	Introduction to high volume spay/neuter techniques	Skills assessment Lab 20pts Quiz 1 10 pts
	May 16	Module 2	Overview of surgical equipment and instruments	Surgical Instrument Lab Report 20 pts Quiz 2 10 pts
	May 17	Module 3	Sterilization protocols and infection control	Student Created High Volume S/N STERILIZATION SOP 20 pts Quiz 3 10 pts Grad JC & Rounds covering journal article on Nosocomial Infection 20 pts
	May 18	Module 4	EXAM 1	Exam I 50 points

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	May 19	Module 5	<ul style="list-style-type: none"> Anesthesia principles and protocols for high volume spay/neuter Pre-operative patient assessment and preparation 	Anesthesia Quiz 10 pts Student Created High Volume S/N ANESTHESIA SOP 40 pts Pre-Op Patient Assessment Lab 20 pts Grad JC & Rounds covering journal article on High Volume Anesthesia Protocols 20 pts
	May 20	Module 6	<ul style="list-style-type: none"> Surgical techniques for canine spay and neuter procedures Surgical techniques for feline spay and neuter procedures 	Student Created High Volume S/N SURGERY SOP 40 pts Grad JC & Rounds covering journal article on High Volume Surgical Techniques 20 pts
	May 21	Module 7	<ul style="list-style-type: none"> Surgical site preparation and aseptic techniques Wound closure and suturing techniques 	Sx Nursing Techniques Quiz 15 pts Suture Lab 50 pts
Week 2 May 22-28	May 22	Module 8	<ul style="list-style-type: none"> Perioperative care and management of surgical patients Post-operative pain management and monitoring 	Student Created High Volume S/N SURGERY SOP 40 pts Student Created High Volume S/N POST-OP SOP 40 pts Grad JC & Rounds covering journal article on High Volume Peri-Op Pain Control 20 pts
	May 23	Module 9	EXAM II	Exam II 50 pts
	May 24	Module 10	<ul style="list-style-type: none"> Surgical complications and their management Strategies for improving surgical efficiency 	Grad JC & Rounds covering journal article surgical complications and management 20 pts
	May 25	Module 11	<ul style="list-style-type: none"> Ethical considerations in high volume spay/neuter programs Community impact and outreach initiatives 	Ethics essay 20 pts Grad JC & Rounds covering journal article on impacts of High Volume S/N 20 pts
	May 26	Module 12	<ul style="list-style-type: none"> Advanced techniques and procedures in high volume spay/neuter Special considerations for pediatric spay/neuter surgeries 	Advanced techniques Lab 50 pts Pediatric techniques Lab 50 pts
	May 27	Module 13	<ul style="list-style-type: none"> Surgical assisting skills practice and assessment 	Surgical assisting skills Lab 50 pts
	May 28	Module 14	<ul style="list-style-type: none"> Case studies and discussions 	Grad Case Presentations 100 pts
	May 30- June 2	Module 15		
Week 3 May 29	May 29	Module 16		Student created Review and Study guide 30 pts
	May 30	Module 17		

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	May 31	Module 18	<ul style="list-style-type: none">• Review and preparation for the final exam	Student created complete SOP for TAMUC High Volume Spay Neuter Program 50 pts
	June 1	Lab 3	Final Exam Lab Practical	Final Exam Lab Practical 100 pts

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