

**CONTACT INFORMATION:**

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**COURSE MATERIALS:**

***Moodle:***

Please view additional course materials via login to Moodle using your myLSU account information:  
<http://itsweb.lsu.edu/Moodle/>

***Recommended Text(s):***

*Mitchell MA, Tully TN: Handbook of Exotic Animal Medicine. Elsevier, 2009.*

*Quesenberry K, Orcutt C, Mans C, Carpenter J: Ferrets, Rabbits, and Rodents: Clinical Medicine and Surgery 4<sup>th</sup> ed. Elsevier – Saunders, 2020.*

*Divers S, Stahl S: Mader's Reptile Medicine and Surgery, 3<sup>rd</sup> ed. Elsevier – Saunders, 2019.*

*Tully TN, Dorrestein G, Jones A: Handbook of Avian Medicine and Surgery 2<sup>nd</sup> ed. Elsevier, 2009*

*Carpenter J: Exotic Animal Formulary 5<sup>th</sup> ed, Elsevier, 2019*

*Orientation handout/care for orphaned wildlife*

**COURSE DESCRIPTION:**

The VMED 5455/5463 Zoological Medicine course seeks to provide veterinary students with the opportunity to become familiar with the veterinary care of companion zoological species and wildlife species. Students are expected to have a basic understanding of medicine concepts and skills in traditional species (dogs, cats, horses, cattle, swine), which then could be applied to exotic animal species via a comparative medicine approach. Topic and case rounds will be carried out weekly by faculty and house officers in order to bridge the gap between knowledge from traditional species and that of exotic animal species. Students are expected to research topics so that they are better prepared for rounds. In addition, the wildlife caseload allows students to gain experience in primary care responsibility and hands on care of patients with the opportunity to monitor treatment outcomes. The course provides students the opportunity to obtain entry to mid level skills necessary to care for companion zoological species and some wildlife species in practice.

**Goal/Rationale of the Course:**

1. To gain a clinical knowledge of veterinary medicine and surgery as it relates to companion zoological species including birds, reptiles, ferrets, rabbits, rodents, and other non-traditional species.
2. To further enhance a student's clinical skills and general knowledge of veterinary medicine by having primary case responsibility working with wildlife species.
3. The student should become proficient at recognizing clinical signs associated with diseases common to companion exotic species, learn handling, examination and diagnostic sampling techniques of animals presented as clinical or wildlife cases.
4. To acquire practice in diagnosing and treating diseases of exotic companion species.
5. To become familiar with the duties and routines of zoo and companion exotic animal veterinarians so that intelligent career choices can be made.

**COURSE OBJECTIVES:**

<b>VMED 5455/5463 learning objectives:</b>	<b>Keywords</b>
1. Describe the basic husbandry requirements for zoological companion species and wildlife species in captivity.	Husbandry; Companion exotics; Wildlife; Captivity
2. Demonstrate the approach to handling, restraint, and physical examination of exotic species.	Exotic animal; Handling; Restraint; Physical examination
3. Be able to formulate a comprehensive patient diagnostic plan based on the presenting complaint and findings of the physical examination. (problem solving skills, appropriate use of clinical laboratory testing, and record management).	Patient; Diagnostic plan; Physical examination; History
4. Be able to formulate a comprehensive treatment planning including patient referral when indicated.	Treatment plan
5. Be able to design an anesthesia/pain management plan for exotic animal patients.	Anesthesia; Exotic animal; Pain management
6. Be able to formulate a pre-, peri-, and post-operative plan for exotic animal patients.	Exotic animal; Surgery; Surgical plan
7. Be able to formulate an emergency and intensive care case management for exotic animal patients.	Exotic animal; Emergency care; Critical care
8. Be able to explain the basic requirements of exotic animal health care, disease prevention/biosecurity, and zoonosis issues.	Exotic animal; Health care; Biosecurity; Zoonosis
9. Perform client communications and work with high ethical conduct.	Exotic animal; Client communication

**TEACHING PHILOSOPHY:**

This is a clinical rotation and the course will be taught with the basic idea of preparing 4<sup>th</sup> year veterinary students for veterinary practice. Students will be provided oversight of cases in which they are required to be knowledgeable of all aspects of the patient's history, disease, and treatment. Students are expected to apply basic veterinary skills obtained in phase I and during previous rotations. Rounds will be a team effort from all involved whereby students will be expected to provide their clinical thoughts on each case discussed. The ability of the student on the rotation to perform and understand clinical medicine will be the basis of their grade on this rotation. Questions and discussion regarding patients and cases seen on this rotation are encouraged to gain confidence and understanding of clinical medicine.

**COURSE POLICIES:*****Equipment:***

Practical and professional attire is required: either clean scrubs or professional dress with a clean white lab coat and a name tag. Students should be prepared with basic supplies for examination, including stethoscope, watch/timer, thermometer, bandage scissors, pen light, calculator, and a small note pad or notebook.

***Orientation & Scheduling:***

All students should attend the orientation meeting on the first day of the block at 9am in the Zoological Medicine Ward. Students will be asked to go to the LSU Student Health Center on campus to obtain a tuberculosis test if they have not had one performed within the last year. Students MUST have a signed sheet from the course coordinator to submit to the reception desk at the Student Health Center prior to testing.

An orientation packet including course schedule, course policy, emergency service, wildlife submission, and information calls will be provided on the first day of the block.

### ***Rounds and SOAPS:***

Daily discussion rounds will be held once a day with an emphasis for this discussion to occur in the midmorning hours. In the case of emergency presentations or a surgical procedure, hospital rounds may be substituted for discussion rounds. SOAPS are to be completed by 8:00 AM daily and presented to the house officer in charge for review.

### ***Patient/Owner Policy:***

1. Get patient file and read history when paged from reception area
2. Greet client and obtain history/husbandry evaluation
3. LEAVE PATIENT IN EXAMINATION ROOM WITH OWNER. Find and meet with clinician to discuss case.
4. Clinician and student returns to examination room
5. Return to ward with animal for physical examination

### ***Weekend Duty:***

Students are to assume responsibility for their cases. Under no circumstances are students to transfer cases to colleagues (other students) UNLESS previously approved by the senior clinician on duty. Weekend schedule includes twice a day treatment schedules to adhere to 10-12 hour intervals. Weekend SOAPS are to be completed by 9:00 am.

### ***Wildlife:***

At the end of every year, the federal and state license for the Wildlife Hospital of Louisiana must be renewed. This will enable the veterinary students and doctors to continue practicing medicine on wildlife species presented to the SVM. This process includes counting every animal that comes into the Wildlife Ward, when it is presented, what is its condition, treatments, and final disposition (e.g. released, rehabilitator, died, euthanized), also the date of the final disposition. The Wildlife forms within the computer program must be filled out COMPLETELY. It is imperative that you, the future veterinarian, fill out these forms to the best of your ability. If you have any questions, please ask the clinician on duty. Information on the computer accession sheet to include:

- Date the animal was received
- Species of animal (to the best of your and/or attending clinician's ability to describe)
  - Simply writing "bird" or "turtle" is not enough information. You must say what kind of bird or turtle was presented. "Red shouldered hawk" is appropriate, while "bird" is not. Please be detailed. If it is a baby bird and you are unable to tell what type of bird it is, "pinkie bird" is OK.
- Name and address of person presenting the animal – if unknown, write unknown
- Diagnosis
  - Please be as detailed as possible. If there is apparent trauma, please describe if possible (e.g. hit by car, flew into window, etc.). If the animal is an orphan, write this with as much detail as possible.
- Disposition
  - Please write what happened to the animal. The most common responses are: released, died, dead on arrival, euthanasia, or given to a licensed rehabilitator (in which case you must provide the name of the person to whom the animal was released).

Please read all handouts provided for wildlife with your orientation packet. These include orphan wildlife care, , wildlife diagnostic procedures, bald eagle and gopher tortoise SOP's. .

All diagnostic testing is to be performed by the 4<sup>th</sup> year veterinary students unless specified by the clinician on duty. These tests include but are not limited to estimated white blood cell count, packed cell volume, total solids, fecal parasite examinations (direct and flotation), radiographic imaging, cytology, and ophthalmic examination.

**Information Calls:**

On this rotation students are expected to call back people who make phone inquiries regarding wildlife submissions and those who are seeking updated information already in the hospital. The students will be informed on the number to call in order to check for phone messages and should also check with the front reception desk as well as the phone message board periodically throughout the day for possible messages. The student should ask the clinician on duty for the access code for long distance calls. We try not to call collect if at all possible.

**Emergency Duty:**

On the first day of the rotation all students on the block are responsible for formulating an emergency roster for that specific time period, including weekend duty. Contact information, including cell phone numbers, must be listed on the emergency roster. Wildlife case calls should not be forwarded to the student on duty after 11 PM. If this does occur the student should tell the clinician on duty. Only companion animals in which the pet owner calls should be forwarded through the emergency service after 11 PM. With wildlife cases students can make decisions on the nature of the injury and recommended treatment plan. If there are ever any questions or if the student is not sure on a treatment decision regarding wildlife cases the clinician on duty must be called.

For companion animal calls the student should listen to the owner's concern and inform them of the emergency fee. The student then calls the clinician on duty. The clinician on duty will then call the owner and discuss the case and full estimate of charges based on the description of the problem and animal species. If the owner is willing to bring the animal in for treatment the clinician will then call the student to inform them of the time set to meet to treat the case or that the case will not be coming in. **IT IS THE POLICY OF THIS SERVICE NEVER TO LET AN ANIMAL DIE AT HOME IF AT ALL POSSIBLE. PET OWNERS SHOULD BE MADE AWARE OF SMART CARE (THE LSU-SVM'S ALTERNATIVE CREDIT PLAN).**

**Wild Mammals ACCEPTED by the Wildlife Hospital of Louisiana:**

Opossums, rabbits, squirrels, nutria, armadillo, black bear (call Dr. Nevarez), bobcat (call Dr. Nevarez), river otters (call Dr. Nevarez), beaver

**Wild Animals NOT accepted by the Wildlife Hospital of Louisiana:**

Skunks, bats, raccoons, rats, mice, foxes, coyotes, shrew, vole, deer

**"Pet" animals NOT accepted by the Zoological Medicine Service:**

Primates, large cats, wild canids (wolf and/or wolf cross), raccoons, bats, skunks

**Dress:**

Typical dress is the same as for the Companion Animal Medicine clinical rotation or scrubs and clean lab coat. For external learning experiences, casual professional attire is required (jeans are acceptable and advisable).

**Food, Drinks, and Personal Items:**

NO food or drinks are allowed in the ward. NO personal items allowed in the Zoological Medicine Ward. Please place all backpacks, purses, etc., in your locker and not by the ward door.

**Attendance / Lateness Policy:**

Absences must be pre-approved by Drs. Tully or Nevarez. Special schedule requests should be made two weeks prior to the start of the rotation. Unexcused absences and tardiness will result in an incomplete grade and students will be required to repeat the rotation. Students may be required to make up any time missed during a rotation, no matter the cause. Missed days that are made up will not count towards the total allowable excused absences. Please see the Phase II attendance requirements below.

**Natural Disasters (Hurricanes, etc.):**

Hurricane Season officially runs from June 1st - Nov. 30th. The projected path of tropical storms/hurricanes are mapped by the National Hurricane Center: <http://www.nhc.noaa.gov/?atlc>. Please stay aware of impending storm systems. Staff and students of the VTHC are "essential personnel" during disasters affecting our community. The clinic schedule and student responsibilities may change during such events. Students may be required to participate in VTH emergency response efforts depending upon need and safety. **Please check in with Drs. Tully/Nevarez daily beginning 72 hours prior to any storm landfall projected for Louisiana.** If you are asked to report for duty during an emergency, your personal safety is the number one priority. Use common sense in your commute and alert Drs. Tully or Nevarez and the house officer on duty if you are unable to arrive safely.

Preparedness begins at home. Please view the section on hurricane preparedness on Moodle and make sure you and your household is prepared (also visit: <http://www.getagameplan.org/>).

### **Home Football Games:**

Travel to the VTH during football season can be an adventure. Here is some general advice for negotiating the obstacles.

1. Be sure to have your SVM identification badge with you.
2. Approach the SVM via River Road along the levee (rather than Highland Rd).
3. There should be staff, student, and client parking reserved in front of the building for those needing access to the hospital.
4. If there is no parking, contact the campus police officer on duty (225-578-9811) to permit access to the equine clinic parking and parking behind the Dean's office (behind the gate)

### **COPY STATEMENT:**

Some of the materials in this course are possibly copyrighted. They are intended for use only by students registered and enrolled in this course and only for instructional activities associated with and for the duration of the course. They may not be retained in another medium or disseminated further. They are provided in compliance with the provisions of the Teach Act (Section 110(1) of the Copyright Act) <http://www.copyright.gov/docs/regstat031301.html>.

### **GRADING/EVALUATION:**

Clinical rotation students will be graded/evaluated on their clinical abilities and aptitude on utilizing their medical knowledge for cases that present to the hospital. The basis for this evaluation will be a student's ability to discuss the case as presented, develop a problem list, and formulate a differential diagnosis list, along with recommendations of diagnostic tests and treatment protocols. Clinical skills will be assessed by the student's ability to perform those skills in wildlife and client owned cases (under the supervision of a clinician).

The grading scale used in these two courses is in accordance with the School of Veterinary Medicine standards as follows:

GRADE	Veterinary Medicine Grading Scale (rounding range)
A+	97-100 (96.50-100)
A	93-96 (92.50-96.49)
A-	90-92 (89.50-92.49)
B+	87-89 (86.50-89.49)
B	83-86 (82.50-86.49)
B-	80-82 (79.50-82.49)
C+	77-79 (76.50-79.49)
C	73-76 (72.50-76.49)
C-	70-72 (69.50-72.49)
D+	67-69 (66.50-69.49)
D	63-66 (62.50-66.49)
D-	60-62 (59.50-62.49)
F	<60 (0-59.49)

Please review the statements supplied to you by the Dean of Students. The "D-rule" is in effect for D+, D and D-, while the C is the 2.0 needed for your loan (not a C-). In all instances, rounding of grades to the next whole integer will be limited to XX.50. Scores less than XX.50 **will not** be rounded to the next higher whole integer. Each exam score will be rounded

prior to being recorded, e.g. only whole numbers will be used in computing the final grade.

***Remediation and Reassessment***

If a remediation and reassessment is indicated per the SVM policy guidelines, it will be granted. The nature of the remediation and reassessment will be determined at the time of the request by the course committee in a timely fashion.

**ASSIGNMENTS/RESPONSIBILITIES:**

***Client Communication***

Students are responsible for taking telephone calls from the public to answer medical questions and obtain relevant pre-admission historical information. For hospitalized cases, students are part of the communication team providing clinical updates and updated information related to cost of care and other practical matters.

***Patient Care***

Students are responsible for performing and documenting the medical history and physical examination findings and relaying that information to other team members and the medical record. Students are responsible for assisting in case management under the supervision of the attending veterinarian and technical staff. This includes providing animal restraint for procedures, performing and assisting with technical procedures and diagnostic sample collection, requesting and organizing diagnostic procedures and medical treatments.

***Medical Record Keeping***

Students are responsible for performing and documenting the medical history and physical examination findings and relaying that information to other team members and the medical record. Students are responsible for writing treatment orders to be approved and/or amended. Students are responsible for medical record documentation, including writing case summaries for patient discharge or transfer. The medical record of all deceased animals should include a final summary.

***Continuity of Care***

**At the end of each rotation students must complete all transfer paper work and make sure the treatment orders and medical records are complete.**

**COURSE CONTENT AND OUTLINE:**

Monday	Tuesday	Wednesday	Thursday	Friday
AM Treatment Rounds: 9-10 Appointments: AM	AM Treatment Rounds: 9-10 Appointments: AM	AM Treatment Rounds: 9 -10 Procedures: Weeks 1-3 ELE – Weeks 2-4	AM Treatment Rounds: 9-10 Appointments: AM	House Officer Rounds: 8-9 Rounds: 9-10 Appointments: AM
Lunch	Lunch	Lunch	Lunch	Lunch
Appointments: PM	Appointments: PM	ELE	Appointments: PM	Appointments, Procedures, Treatments

**External Learning Experiences**

- Week 1 BREC’s Baton Rouge Zoo
- Week 2 Audubon Institute, New Orleans
- Week 3 BREC’s Baton Rouge Zoo
- Week 4 New Iberia Primate Center, New Iberia

## Friday External Learning Experiences, instructional laboratories

- Amazon parrot aviary grooming
- Pet store rounds
- Avian diagnostic instructional laboratory

## ONLINE “ZOOM” INSTRUCTION

When necessary instruction and clinic rounds will take place online using Zoom. All students are required to have the Zoom software loaded on their computers so that they can actively participate in these instructional activities. The Zoom instruction and clinic rounds will take place on a schedule provided by the attending clinician on the day prior. The Zoom log in information and the scheduled instruction will also be provided at that time. The Zoom activity will take place on a regular schedule, but the time will be dependent on case activity within the service.

Students on the Zoological Medicine Service are expected to log into the Zoom activity on time and with the camera on. This is an instructional event and no distractions (eg pets, roommates, talking in background) will be tolerated. Students participating will be expected to participate and mute themselves when not speaking. These are interactive discussions and active participation is expected. There may be assignments provided for the Zoom instructional activities at the beginning of the block rotation. Students are expected to be prepared for presentation of their assigned task as scheduled by the clinician.

## ATTENDANCE REQUIREMENT:

All students in the Phase II curriculum may be allowed a maximum of six (6) excused absences (this may be days or portions thereof, depending on the desires of the block mentor and course coordinator) which require no form of remediation. Additional days, for the days of the examination only, will be allowed to take the North American Licensing Examination. Examples of excused absences that may be allowed are: job interviews, state board examinations, family emergencies, illness, and attendance of professional meetings. The block mentor shall have the final authority on granting an excused absence. Resolution of a dispute over excused absences shall be the duty of the Associate Dean for Student Affairs. Block mentors will be encouraged to allow any necessary excused absence, however insufficient student numbers on a block may preclude the approval of an excused absence. A maximum of two excused absences will be allowed per four-week block and one excused absence per two-week block. If a student exceeds the number of excused absences allowed per block, then remediation may be required to pass the block (such as additional assignments or making up time lost). If a student misses more than 2 days in any block's grading period, then remediation may be required. These missed days include boards and excused absences (i.e. travel to and from boards and the boards). All excused absences greater than the six days allowed may require remediation. A written notification to the Associate Dean for Student Affairs for approval will be required at least four weeks in advance in anticipation of any anticipated excused absence over 6, or as soon as possible after an unanticipated excused absence. The Course Coordinators will forward a copy of any excused absence to the VCS office for tabulation. A written confirmation of the absence may be required. A written excuse may be required. If a written excuse cannot be obtained, then the absence will be considered unexcused. Any unexcused absence will require remediation and/or possible failure of the block.

## SAFETY:

This rotation requires students to be present at unusual hours. The SVM security team and campus police are available to assist you with safety concerns (examples include disorderly clients, suspicious persons, etc.). Please report suspicious people (in the building or in the surrounding area) to the SVM officer. If you cannot reach the officer at the desk, you may call campus police to relay information or seek assistance. In addition, please alert your team (e.g. house officers, ICU nurses, fellow students, and reception staff) to any potential problem.

Parking tickets are not issued after 4 pm. Students on the overnight shift are encouraged to park in a safe and well-lit location close to the building. **Please exit the building with a co-worker or colleague ('buddy system'). The SVM officer will monitor your exit if requested.**

- 1. Campus Police:** 225-578-3231 (please program this number into your cell phone)
- 2. SVM Security Desk:** 225-578-9811 (or 89-811 from inside the building)
- 3.** Please register for the **LSU emergency text messaging system** by visiting:  
[http://www.lsu.edu/ur/lisu\\_safety/TextMessaging/item13049.html](http://www.lsu.edu/ur/lisu_safety/TextMessaging/item13049.html)
- 4. LSU SHIELD** is a FREE App for iOS and Android phones. More information is available here:  
[https://sites01.lsu.edu/wp/lisupd/?page\\_id=18607](https://sites01.lsu.edu/wp/lisupd/?page_id=18607)

## **PHOTOGRAPHS AND VIDEO OF PATIENTS:**

Photographs and video may be taken of patients for educational purposes (e.g., for use in abstracts, articles, and presentations). Any photographs and video for use by the media may not be taken without the express consent of the patient's owner. Verbal consent by the animal's owner is an acceptable means of gaining permission to photograph/video the patient. If a member of the media is present in the hospital and wishes to take background footage of clinicians and students working with animal, no close-up shots are permitted such that the animal would be identified by its owner. All media requests must be directed to the LSU – School of Veterinary Medicine Public Relations Director, Mrs. Ginger Guttner.

## **POSTINGS ON INTERNET/ SOCIAL NETWORKING SITES:**

Posting, releasing, or otherwise disclosing photos, identifiable case descriptions, images, or records related to the educational, clinical, or research activities of the LSU - School of Veterinary Medicine, outside of the LSU - School of Veterinary Medicine via social networking sites (e.g. MySpace, Facebook, Twitter, etc.) or via other than standard professional means of query and/or dissemination of educational, clinical, or research information is prohibited. This policy applies to all students, faculty, staff, clients, and visitors of the LSU - School of Veterinary Medicine and to all activities of the LSU - School of Veterinary Medicine, on or off campus, related to veterinary clinical services and teaching and research labs. Pictures of animals (whether owned by University or client), and client information are strictly forbidden from being published or posted on social networking sites such as "Facebook", "Twitter", and "Myspace"; and non-educational blogs, message boards, or internet websites; without the prior approval from an appropriate Supervisor, Department Head, Director of the LSU – School of Veterinary Medicine Veterinary Teaching Hospital, or the Director of the Louisiana Animal Disease Diagnostic Laboratory. This policy is to promote the safety and privacy of students, faculty, staff, clients, and visitors. Failure to comply with this policy could result in damage to persons or property, may be a violation of legal, professional, and/or ethical obligations, and may result in disciplinary action by the LSU - School of Veterinary Medicine, up to and including dismissal.

## **LSU SCHOOL OF VETERINARY MEDICINE ACADEMIC MISCONDUCT POLICY:**

The LSU Code of Student Conduct applies to the School of Veterinary Medicine within the Code is the Academic Misconduct Policy, which outlines the School of Veterinary Medicine expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the LSU Code of Student Conduct Policy and for living up to their pledge **not** to violate the Code.

- I. It shall be a violation of this Code for a student to cheat.
- II. It shall be a violation of this Code for a student to knowingly circumvent any course requirement.
- III. It shall be a violation of this Code for a student to steal.
- IV. It shall be a violation of this Code for a student to purposely impair another student's educational opportunity.
- V. It shall be a violation to act in a manner which is detrimental to the moral and ethical standards of the veterinary medical profession.
- VI. It shall be a violation for a student to knowingly deceive another student, faculty member, or professional associate with the intent to gain advantage, academic or otherwise, for said student or for any other student.
- VII. It shall be a violation for any student to fail to report any infraction of the LSU Code of Student Conduct Policy to an appropriate representative.

LSU Code of Student Conduct can be found at:  
<http://saa.lsu.edu/code-student-conduct>

## **SEXUAL HARASSMENT POLICY:**

The University reaffirms and emphasizes its commitment to provide an educational and work environment free from sexual harassment and to provide a means to remedy sexual harassment that employees may have experienced. ([PS-73 Sexual Harassment](#) and [PS-95 Sexual Harassment of Students](#))

The intent of this policy is to express the University's commitment and responsibility to protect its students from sexual harassment and from retaliation for participating in a sexual harassment complaint. It is not intended to infringe upon constitutionally guaranteed rights nor upon academic freedom. In considering allegations of sexual harassment, the University must be concerned with the rights of both the complainant and the accused.

All proven cases of sexual harassment shall result in appropriate disciplinary action. The severity of the disciplinary action shall be consistent with the seriousness of the act of sexual harassment. Additionally, under appropriate circumstances, the University may take action to protect its students from sexual harassment by individuals who are not students of the University. If the alleged harasser is a student, the Dean of Students Office must be notified of the complaint.

Student Advocacy & Accountability, [Office of the Dean of Students](#), [LSU Student Life & Enrollment](#), 340 LSU Student Union, Baton Rouge, LA 70803, Phone: (225) 578-4307 Fax: (225) 578-5637 [dossaa@lsu.edu](mailto:dossaa@lsu.edu)

## **GENERAL STATEMENT ON ACADEMIC INTEGRITY:**

Louisiana State University adopted the Commitment to Community in 1995 to set forth guidelines for student behavior both inside and outside of the classroom. The Commitment to Community charges students to maintain high standards of academic and personal integrity. All students are expected to read and be familiar with the [LSU Code of Student Conduct](#) and [Commitment to Community](#), found online at [www.lsu.edu/saa](http://www.lsu.edu/saa). It is your responsibility as a student at LSU to know and understand the academic standards for our community.

Students who are suspected of violating the Code of Conduct will be referred to the office of Student Advocacy & Accountability. For undergraduate students, a first academic violation could result in a zero grade on the assignment or failing the class and disciplinary probation until graduation. For a second academic violation, the result could be suspension from LSU. For graduate students, suspension is the appropriate outcome for the first offense.

## **GROUP WORK AND UNAUTHORIZED ASSISTANCE:**

All work must be completed without assistance unless the faculty member gives explicit permission for group or partner work. This is critical so that the professor can assess your performance on each assignment. If a group/partner project is assigned, the student may still have individual work to complete. Read the syllabus and assignment directions carefully. You might have a project with group work and a follow up report that is independently written. When in doubt, e-mail the faculty member or ask during a class session. Seeking clarification is your responsibility as a student. Assuming group/partner work is okay without permission constitutes a violation of the LSU Code of Student Conduct.

## **AMERICANS WITH DISABILITIES ACT:**

Louisiana State University is committed to providing reasonable accommodations for all persons with disabilities. The syllabus is available in alternate formats upon request.

Students with disabilities: If you are seeking classroom accommodations under the Americans with Disabilities Act, you are required to register with Disability Services (DS). DS is located in 115 Johnston Hall. Phone is 225-578-5919. To receive academic accommodations for this class, please obtain the proper DS forms and meet with me at the beginning of the class. The Office of Student and Academic Affairs can help you if you have questions as well. <http://disability.lsu.edu/students>

**SYLLABUS CHANGE POLICY:**

Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advanced notice.

**SVM INSTITUTIONAL LEARNING GOALS/OBJECTIVES ALIGNED WITH COMPETENCIES:**

<b>SVM 9 +1 Clinical Competency Anchor Points</b>			
<b>Competency One:</b> <i>Comprehensive patient diagnosis (problem solving skills), appropriate use of clinical laboratory testing, and record management</i>	<b>VMED 5455/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
1.1 History/Physical Examination	2, 8	Oral patient presentation	Clinical experience-Inpatient; Tutorial, Independent learning; Patient
1.2 Patient Assessment/Clinical Thinking Skills	1, 2, 3, 8	Oral patient presentation	presentation-Learner Clinical experience-Inpatient; Tutorial, Independent learning; Patient presentation-Learner
1.3 Knowledge Base/Basic Pathophysiology	7, 8	Oral patient presentation	Clinical experience-Inpatient; Tutorial, Independent learning; Patient presentation-Learner
1.4 Diagnostic Skills/Clinical Laboratory Assessment	3	Oral patient presentation	Clinical experience-Inpatient; Tutorial, Independent learning
1.5 Participation in Patient Discussions	1-9	Oral patient presentation	Discussion, Small group
1.6 Medical Records	6, 9	Narrative assessment	Patient presentation-Learner
<b>Competency Two:</b> <i>Comprehensive treatment planning including patient referral when indicated</i>			

2.1 Treatment planning	4, 5, 6, 7	Oral patient presentation	Clinical experience- Inpatient; Tutorial, Independent learning; Patient presentation- Learner
2.2 Understanding Therapeutic Modalities and Availability ( <i>would include knowledge of referral services available</i> )	4, 7	Oral patient presentation	Clinical experience- Inpatient; Tutorial, Independent learning; Patient presentation- Learner
<b>Competency Three:</b> <i>Anesthesia and pain management, patient welfare</i>			
3.1 Anesthesia/Patient Status/Response/Plans	5	Oral patient presentation	Clinical experience- Inpatient; Tutorial, Independent learning; Patient presentation- Learner
3.2 Pain Management/Patient Welfare/Empathy	5	Oral patient presentation	Clinical experience- Inpatient; Tutorial, Independent learning; Patient presentation- Learner
<b>Competency Four:</b> <i>Basic surgery skills, experience, and case management</i>			
4.1 Basic surgical skills	6	Practical (lab)	Clinical experience- Inpatient; Tutorial, Independent learning
4.2 Surgical experience gained through rotation	6	Practical (lab)	Clinical experience- Inpatient; Tutorial, Independent learning
4.3 Case Management	6	Practical (lab)	Clinical experience- Inpatient; Tutorial, Independent learning

<b>Competency Five:</b> <i>Basic medicine skills, experience and case management</i>			
5.1 Basic medical skills/ Case Management	8	Oral patient presentation; Practical (lab)	Clinical experience, Independent learning, Patient presentation-learner
5.2 Medical experience gained through rotation	1-9	Oral patient presentation; Practical (lab)	Clinical experience, Independent learning, Patient presentation-learner
<b>Competency Six:</b> <i>Emergency and intensive care case management</i>			
6.1 Emergency Care Management	7	Oral patient presentation; Practical (lab)	Clinical experience- Inpatient; Tutorial, Independent learning; Patient presentation- Learner
6.2 Intensive Care Management	7	Oral patient presentation; Practical (lab)	Clinical experience- Inpatient; Tutorial, Independent learning; Patient presentation- Learner
<b>Competency Seven:</b> <i>Health promotion, disease prevention/biosecurity, zoonosis, and food safety</i>			
7.1 Health Maintenance/promotion	8	Oral patient presentation	Tutorial, Independent learning; Patient presentation- Learner
7.2 Disease prevention/Control/Eradication	8	Oral patient presentation	Tutorial, Independent learning; Patient presentation- Learner
7.3 Biosecurity	8	Oral patient presentation	Tutorial, Independent learning; Patient presentation- Learner

7.4 Zoonosis	8	Oral patient presentation	Tutorial, Independent learning; Patient presentation-Learner
7.5 Food Safety	8	Oral patient presentation	Tutorial, Independent learning; Patient presentation-Learner
<b>Competency Eight:</b> <i>Client communications and ethical conduct</i>			
8.1 Client Communication/Client Education/Discharge Summary	9	Oral patient presentation	Demonstration; Mentorship
8.2 Working with Health Care Team	1-9	Participation	Reflection; Self-directed learning; Mentorship
8.3 Ethical Conduct	9	Participation	Reflection; Self-directed learning; Mentorship
8.4 Emotional Stability	1-9	Participation	Reflection; Self-directed learning; Mentorship
			learning; Mentorship
8.5 Reliability/Thoroughness/Punctuality/Appearance	1-9	Participation	Reflection; Self-directed learning; Mentorship
<b>Competency Nine:</b> <i>Critical analysis of new information and research findings relevant to veterinary medicine</i>			
9.1 Critical Analysis of New Information and Research Findings Relevant to Veterinary Medicine 9.2 Demonstrate effective use of literature, references and informational technology in support of diagnosis, case management, and continuing medical education.	1-8	Oral patient presentation	Tutorial, Independent learning; Patient presentation-Learner
<b>Competency Ten:</b> <i>Comparative Pathobiology: In the clinical setting discuss and apply basic science (physiology, immunology, histology, neuroscience, anatomy, etc.) to clinical cases within and across common species and between animal classes (mammals, birds, fish, reptiles, amphibians, etc.).</i>			
10.1 Comparative and developmental physiology & anatomy	1-8	Oral patient presentation	Tutorial, Independent learning; Patient presentation-Learner
10.2 Drug metabolism as it relates therapy, anesthesia, analgesia, and adverse drug reactions.	1-8	Oral patient presentation	Tutorial, Independent learning; Patient presentation-Learner

10.3. Apply central biological principles and mechanisms on a cellular, systemic, and population level.	1-8	Oral patient presentation	Tutorial, Independent learning; Patient presentation-Learner
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