

**CONTACT INFORMATION:**

Coordinator: Dr Colin Mitchell  
 Office: Room 1850  
 Office: 225-578-9573  
 Email: cmitchel@lsu.edu

**Veterinary Teaching Hospital: 225-578-9500**

**COURSE MATERIALS:**

**Moodle**

Additional course materials related to this clinical rotation should be viewed prior to starting. This can be viewed by logging in to Moodle using your myLSU account information.

**Recommended Texts/Reading:**

- VMED 5362 Diseases of Horses: Lecture notes and lab handouts
- Reed SM, Bayley WM, Sellon D. Equine Internal Medicine. 4th Edition WB Saunders, 2014; (Saunders-Elsevier – available in Pageburst)
- Smith BP. Large Animal Internal Medicine – 4th Edition. Mosby, 2011
- Auer & Stick, Equine Surgery, 5th Ed. 2019 (Elsevier)
- Adams & Stashak. Lameness in Horses – 2011 (Wiley & Blackwell)

**COURSE DESCRIPTION:**

Students on this rotation will be assigned to either the Equine Surgery or Equine Internal Medicine Service. Students will switch service half way through the rotation if enrolled for 4 weeks, or will stay on a single service if enrolled for 2 weeks. These services provide veterinary care through the day and students will also assist with the Equine Emergency Service which operates after hours, on weekends and holidays to provide 24 hour clinical coverage. This rotation provides a setting for learning about diseases of horses, how to diagnose and treat them, to participate in their care and to allow students to further refine the clinical skills taught to them in their Phase 1 skills laboratories. This rotation exposes students to cases seen on a first opinion basis, as referrals and as emergencies. Students are directly supervised by interns, residents, technicians and faculty.

**COURSE OBJECTIVES:**

<b>List course/clerkship learning objectives: (please add rows as needed)</b>	<b>List keywords for each objective (to be used for searching.)</b>
After this rotation, you should be able to	
1. Obtain, record, and relay a patient history in a succinct and properly detailed manner	History
2. Perform and record physical examination findings and succinctly relay a prioritized list of findings to the supervising doctor	Physical, examination
3. Develop an appropriate diagnostic plan based on the history and your clinical examination of the patient (routine or emergency patient)	Diagnostic, routine, emergency
4. Assist with or perform the diagnostic/therapeutic techniques or skills, particularly those that were performed during VMED 5362 laboratories	Diagnostic, therapeutic, skills, techniques
5. Develop an appropriate treatment and monitoring plan for in-patient care.	Treatment plan
6. Critically evaluate your in-patients daily to ensure that treatment is progressing appropriately, or to alter treatment plan as necessary.	evaluate
7. Using appropriate surgical technique, assist with or perform surgery	surgery

8. Maintain an accurate medical record, including but not limited too: Physical exams, History, SOAPs, operative reports, Discharge instructions.	Medical record
9. Be familiar with and use appropriate hygiene/barrier protocols to maintain case and hospital biosecurity	Hygiene, Barrier, biosecurity
10. Communicate, with clients or other members of the Equine service, in a professional manner to allow discussion of hospitalized patients or out-patients	communicate

### TEACHING PHILOSOPHY:

This rotation requires students to be actively involved in every step of the patient’s care, from the time of admission to the time of discharge. Through consistent student involvement with this process, the material delivered during Phase 1 courses will be reinforced and will allow them to improve their understanding of these disease processes, disease progression, treatment options and veterinary skills and techniques. Other topics pertinent to these cases that are seen during the rotation or common topics will be discussed in case or service rounds, led by faculty members.

### COURSE POLICIES:

#### Dress Code:

- A. The students will be required adhere to the following dress during all equine clinical rotations and this will be when you are in the clinic for daytime and after hours (evenings, nights, weekend and holidays) shifts.
- B. All clothing MUST be clean and tidy.
- C. **Pants (professional appearing jeans or khakis are acceptable)** these must be worn with a belt, not be low-rise, **not extend below your shoes and NOT TO drag on the ground** (because they get wet when disinfecting your footwear, appears unprofessional, and is not compatible with our biosecurity protocol).
- D. **Green scrub tops** — these can be obtained from the SCAVMA book store.
  1. They can either be the traditional type of scrub with a pocket over the left chest area, and must be tucked into your pants.
  2. The scrub tops should fit appropriately, and if necessary to make sure they are not overly revealing.
    - a. A t-shirt or other type of clothing should be worn under the scrub top.
  3. Alternatively, scrub tops that have two larger pockets (one on each side) are acceptable and these do not have to be tucked into the pants.
- E. **Rubber footwear** — the students must wear appropriate footwear, which includes having rubber soles and top (dorsal) part of the footwear so that the shoes can easily be fully submerged in the disinfectant footbaths.
- F. **Name badge** – each student must also wear your name badge and have it in plain sight.

**Equipment:** Students should be prepared with basic supplies for examination, including stethoscope, hoof pick and knife, bandage scissors/suture scissors, hemostat, thermometer, pen light.

#### Orientation & Scheduling:

All students should attend the orientation meeting on the first day of the block at 8.15am, at the Large Animal Reception. This orientation will include the creation, by the students, of the schedule for Emergency Duty. Students starting on block C are expected to have read the orientation material and will be given a similar orientation on their first morning. If you have rotated through the Equine hospital before, you can participate in the orientation if desired, but it is not mandatory.

ACTIVITY/TOPIC	TIME	PLACE	PRESENTOR
Hospital Protocol and horse handling	8:15 AM	Hospital	Equine Technicians
Block Protocol, Scheduling, EM Duty	9:30 AM	Student Rounds room	Block Coordinator (faculty)
LA Receiving Protocol	10:30 AM	LA Reception	Office Staff
Ambulatory Protocol	10:45 AM	Ambulatory trucks	Ambulatory technician
Assignment of cases	11:00 AM	Equine ICU	Faculty/HO's

#### Attendance / Lateness Policy:

Absences must be pre-approved by Dr. Mitchell and the supervising faculty member.

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.

### **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:**

**A.** This will be based on subjective evaluation of your knowledge, participation during rounds, medical & surgical skills, problem solving, patient management, and responsibility (See Figure 5). If participation is not appropriate, an end of block exam may be administered which will include the material covered during Clinic Case Rounds or Topic Rounds.

**B.** During this period of COVID restrictions, the criteria discussed in part A will still be used to evaluate student performance. However, instead of the standard SVM grading scale, only a Pass or Fail grade will be awarded for the rotation. This grading scale will be used until the end of block 7C and may be extended, if deemed necessary.

### **REMEDICATION 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:**

#### **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 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, amended and signed by the on-duty veterinarian. 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.

#### **Equine Emergency Duty:**

All students are expected to participate in the Emergency Duty (covers all the time that hospital is closed, including after hours, weekends, holidays and emergency situations such as hurricanes).

#### **Continuity of Care:**

At the end of a rotation, students must complete case transfer paper work and make sure the ICU or treatment orders and medical records are complete.

#### **Biosecurity:**

Students are responsible for minimizing the risk of disease transmission and must follow the established Biosecurity/Isolation protocols (see Moodle).

**Clinical Case Rounds:** Each student will present one of their cases at Clinical Case Rounds. This presentation will be to their classmates and a faculty member.

### **COURSE CONTENT AND OUTLINE:**

This rotation will consist primarily of routine clinic shifts in which you will admit and treat 1<sup>st</sup> opinion, referral or emergency cases presented to the Equine Hospital. Involvement with Emergency Duty will provide exposure to emergency cases under the supervision of attending veterinarians.

### **RESOURCES:**

Moodle: <http://itsweb.lsu.edu/Moodle/>

## **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 Emergency Duty 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/lsu\\_safety/TextMessaging/item13049.html](http://www.lsu.edu/ur/lsu_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/lsupd/?page\\_id=18607](https://sites01.lsu.edu/wp/lsupd/?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 Coordinator.

## **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, the Director of the Louisiana Animal Disease Diagnostic Laboratory, or the Director of Laboratory Animal Medicine. 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.

## **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.

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

*The Office Student Affairs suggests:*

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>

### **Behavioral Misconduct**

Per section 5.1 of the [Code of Student Conduct](#), the Code applies to conduct that occurs on the Campus, at LSU-sponsored activities, and/or when the Student or Registered Student Organization is representing LSU. The University shall have discretion to extend jurisdiction over conduct that occurs off campus when the conduct adversely and significantly affects the learning environment or University community and would be in violation of the Code if the conduct had occurred on campus. This includes behavior that may occur in a remote learning environment, such as email, discussion forums, zoom webinars, or any other platform or solution used for a course. In determining whether to extend jurisdiction, the University may consider its ability to gather information. Potential violations of the Code can be reported through [LSU Cares](#).

### **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

**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.

**PLAGIARISM AND CITATION METHOD:**

As a student at LSU, it is your responsibility to refrain from plagiarizing the academic property of another and to utilize appropriate citation method for all coursework. In this class, it is recommended that you use

\_\_\_\_\_ **(please add the citation method appropriate for the course/subject matter here).**  
 Ignorance of the citation method is not an excuse for academic misconduct. Remember there is a difference between paraphrasing and quoting and how to properly cite each respectively.

One tool available to assist you in correct citations is the “References” function in Microsoft Word. This program automatically formats the information you input according to the citation method you select for the document. This program also has the ability to generate a reference or works cited page for your document. The version of Microsoft Word with the “References” function is available in most University computer labs. A demonstration of how to use this tool is available online at [www.lsu.edu/saa](http://www.lsu.edu/saa).

**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>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
1.1 History/Physical Examination	1, 2	Direct observation	

1.2 Patient Assessment/Clinical Thinking Skills	3, 5, 6, 9	Direct observation, group discussion, test	
1.3 Knowledge Base/Basic Pathophysiology	2, 3, 5, 9, 10	group discussion, test	
1.4 Diagnostic Skills/Clinical Laboratory Assessment	3, 4	Direct observation,	
1.5 Participation in Patient Discussions	2, 3, 5, 6, 10	Direct observation,	
1.6 Medical Records	8, 10	Direct observation,	
<b>Competency Two:</b> <i>Comprehensive treatment planning including patient referral when indicated</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
2.1 Treatment planning	5, 6	Direct observation, group discussion	
2.2 Understanding Therapeutic Modalities and Availability ( <i>would include knowledge of referral services available</i> )	3, 4, 5	group discussion, test	
<b>Competency Three:</b> <i>Anesthesia and pain management, patient welfare</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
3.1 Anesthesia/Patient Status/Response/Plans	2, 5, 6	Direct observation, group discussion	
3.2 Pain Management/Patient Welfare/Empathy	2, 5, 6	Direct observation, group discussion	
<b>Competency Four:</b> <i>Basic surgery skills, experience, and case management</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
4.1 Basic surgical skills	7	Direct observation	
4.2 Surgical experience gained through rotation	6, 7	Direct observation	
4.3 Case Management	4, 5, 6, 7, 8	Direct observation, group discussion	
<b>Competency Five:</b> <i>Basic medicine skills, experience and case management</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>

5.1 Basic medical skills/ Case Management	4, 5, 6, 9	Direct observation	
5.2 Medical experience gained through rotation	4, 6	Direct observation	
<b>Competency Six:</b> <i>Emergency and intensive care case management</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
6.1 Emergency Care Management	1, 2, 3, 4, 5, 6, 8, 9	Direct observation	
6.2 Intensive Care Management	1, 2, 3, 4, 5, 6, 8, 9	Direct observation	
<b>Competency Seven:</b> <i>Health promotion, disease prevention/biosecurity, zoonosis, and food safety</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
7.1 Health Maintenance/promotion	9	group discussion	
7.2 Disease prevention/Control/Eradication	9	group discussion	
7.3 Biosecurity	9	Direct observation, group discussion	
<b>Competency Eight:</b> <i>Client communications and ethical conduct</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
8.1 Client Communication/Client Education/Discharge Summary	8, 10	Direct observation	
8.2 Working with Health Care Team	10	Direct observation	
8.3 Ethical Conduct	10	Direct observation	
8.4 Emotional Stability	10	Direct observation	
8.5 Reliability/Thoroughness/Punctuality/Appearance	10	Direct observation	
<b>Competency Nine:</b> <i>Critical analysis of new information and research findings relevant to veterinary medicine</i>	<b>Aligned with VMED 5458/5463 Learning Objective</b>	<b>Assessment Method</b>	<b>Teaching Method</b>
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.	3, 4, 5, 6	Direct observation	