**COURSE SYLLABUS**

**Medicine III**

**CS 710, 3 credits**

**Spring 2019**

**1.0 Course Coordinator:**

Name: Dr. Beth Davis

Department: Clinical Sciences

Office: Mosier Hall A-109

Office hours: by appointment

Phone Number: 532-5690

Email: edavis@vet.k-state.edu

**1.2 Teaching Faculty:**

Dr. Beth Davis, Department of Clinical Sciences

Dr. Bonnie Rush, Interim Dean and member of Department of Clinical Sciences

Department: Deans Office

Office: Trotter Hall Suite 101

Office hours: by appointment

Phone: 2-4892

Email: [brush@vet.k-state.edu](mailto:brush@vet.k-state.edu)

Dr. Laurie Beard, Veterinary Health Center / DCS

Department: Clinical Sciences

Office: Mosier Hall Q-206

Office hours: by appointment

Phone Number: 2-5700

Email: [lbeard@vet.k-state.edu](mailto:lbeard@vet.k-state.edu)

Dr. Katie Delph, Veterinary Health Center / DCS

Department: Clinical Sciences

Office: Mosier Hall Q-208

Office hours: by appointment

Phone Number: 2-5700

Email: [kdelph@vet.k-state.edu](mailto:kdelph@vet.k-state.edu)

**2.0 Course Time and Location:**

Class will meet from 9:00-9:50 am, Monday through Wednesday, in Frick Auditorium, except as noted in the class schedule.

**3.0 Course Description:**

A study of the etiology, clinical signs, diagnosis, treatment, and control of common medical diseases which affect horses.

**4.0 Course Objectives:**

1. To gain an understanding of foundational aspects of equine internal medicine.

B. To understand differences and similarities of equine medicine to small animal and ruminant patients.

1. To understanding the clinical application of clinical internal medicine including diagnostic evaluation, clinical management, formulation of a prognosis and client communication that impact equine internal medicine patients.

**5.0 Required Texts/Materials:**

None

**5.1 Recommended Texts/Materials:**

*Equine Internal Medicine, Reed, Bayly and Sellon Fourth Ed.*

*Equine Dentistry, 3rd Edition (2011), editors: Easley, Dixon, and Schumacher*

Supplemental materials:

*Large Animal Internal Medicine, BP Smith Fifth Edition (2014)*

Web resources:

[www.ACVIM.org](http://www.ACVIM.org)

[www.AAEP.org](http://www.AAEP.org)

Equine Disease Communication Center <http://www.equinediseasecc.org/>

**6.0 Course Policies:**

Students that encounter confidential test material from previous examinations should report the information to the course coordinator immediately. Examination material posted for your review in the Department of Clinical Sciences office after an examination is confidential. Copying information in any manner or communication of the contents of confidential posted material in any manner is a violation. <http://www.vet.k-state.edu/education/handbook/policies/ethical.behavior.html>

All student activities in the University, including this course, are governed by the Student Judicial Conduct Code as outlined in the Student Governing Association By Laws, Article V, Section 3, number 2. Students who engage in behavior that disrupts the learning environment may be asked to leave the class.

Extra credit activities for CVM course work must be relevant to course content and equally available to all students.  Opportunities for extra credit are not compulsory and are provided at the discretion of the course coordinator.

Students are expected to follow the Honor System of the College of Veterinary Medicine. As stated in the College of Veterinary Medicine, Student-Faculty Handbook, “Honesty and personal integrity are necessary foundations for human relationships and are fundamental characteristics in the success of individuals of a profession and in the education of its members. By virtue of enrollment in the veterinary curriculum, every student is responsible for upholding the standards and behaviors expected of a veterinarian. It is the responsibility of all students to demonstrate these behaviors by example, and to encourage other students to act according to the ethical standards of the profession. Each person is responsible for maintaining and promoting high standards and public trust. Individuals should be cognizant of the responsibility they bear in their daily actions, for these actions should reflect the profession’s standards of ethics. An important concept is the formation of a professional attitude, which allows perplexing situations to be handled in an honest and ethical manner. Veterinary students should conduct themselves in relation to the public, fellow students, graduate veterinarians, clients and patients so as to merit confidence and respect. The self-imposed discipline of the profession should prevent them from committing any act that may reflect unfavorably upon the profession or the individual.”

Open materials during an examination period are prohibited.  Access to class notes and/or electronic devices capable of mass storage is not permitted either within or outside the examination room during the entire duration of the examination period, and if observed will be considered to be evidence of unethical behavior. Examples of these items include but are not limited to: class notes, phones, iPads and computers.

Possession of KSU course exams from previous academic years is prohibited. Students that encounter any test material from exams administered in previous years should report that information to the course coordinator immediately.

Examination material posted for your review in the Department of Clinical Sciences office after an examination is confidential. Copying information in any manner (e.g. hand written notes, photographs, photocopies, etc.) or communication of the exam contents in any manner is an honor code violation.

**Excused Absence:** Absences for funerals, court appearances, family emergencies, physical illnesses, and religious observances that necessitate absence may be excused by the Associate Dean of Academic Programs and Student Affairs for students in the first three years of the Veterinary Medicine curriculum. Other situations, such as non-emergency family-associated events may be considered by the Associate Dean of Academic Programs and Student Affairs on a case by case basis and may include consultation with affected course coordinators and instructors. The “Student Absence Form” and related procedures can be found in the Student Faculty Handbook.

**7.0 Academic Honesty**

Kansas State University has an Honor and Integrity System based on personal integrity, which is presumed to be sufficient assurance that, in academic matters, one's work is performed honestly and without unauthorized assistance. Undergraduate and graduate students, by registration, acknowledge the jurisdiction of the Honor and Integrity System. The policies and procedures of the Honor and Integrity System apply to all full and part-time students enrolled in undergraduate and graduate courses on-campus, off-campus, and via distance learning. The Honor and Integrity System website can be reached via the following URL: [www.k-state.edu/honor](http://www.k-state.edu/honor). A component vital to the Honor and Integrity System is the inclusion of the Honor Pledge which applies to all assignments, examinations, or other course work undertaken by students. The Honor Pledge is implied, whether or not it is stated: "On my honor, as a student, I have neither given nor received unauthorized aid on this academic work." A grade of XF can result from a breach of academic honesty. The F indicates failure in the course; the X indicates the reason is an Honor Pledge violation.

**8.0 Students with Disabilities**

Students with disabilities who need classroom accommodations, access to technology, or information about emergency building/campus evacuation processes should contact the Student Access Center and/or their instructor.  Services are available to students with a wide range of disabilities including, but not limited to, physical disabilities, medical conditions, learning disabilities, attention deficit disorder, depression, and anxiety. If you are a student enrolled in campus/online courses through the Manhattan or Olathe campuses, contact the Student Access Center at [accesscenter@k-state.edu](mailto:accesscenter@k-state.edu?subject=Student%20Accommodation), 785-532-6441; for K-State Polytechnic campus, contact Academic and Student Services at [polytechnicadvising@ksu.edu](mailto:polytechnicadvising@ksu.edu?subject=Student%20Accommodation) or call 785-826-2974.

**9.0 Expectations for Student Conduct**

All student activities in the University, including this course, are governed by the [Student Judicial Conduct Code](http://www.k-state.edu/sga/judicial/) as outlined in the Student Governing Association [By Laws](http://www.k-state.edu/sga/old_files/sgadocs/ByLaws.pdf), Article V, Section 3, number 2. Students who engage in behavior that disrupts the learning environment may be asked to leave the class.

**10.0 Assessment:**

Grades in this course are determined by two midterm examinations, an in-class exercise, and one non-cumulative final examination. Examinations question format will consist primarily of multiple choice questions. *Each lecture will account for approximately 10 points towards the final grade*. The following grading scale will be used: A > 90%, B = 80 - 89%, C = 70 - 79%, D = 60 - 69%, F < 60%.

Students are expected to follow the honor system of the College of Veterinary Medicine. Open materials during an examination will be assumed to be evidence of inappropriate activity. Access to electronic devices, capable of mass storage or access to outside sources, are not permitted during the examination. Examples of these items include cell phones, iPods, laptop computers, PDAs, and pagers. Please leave backpacks, laptops, coats, and electronic devices at your laboratory desk or at the front of the classroom during an examination. Please do not place your backpacks in the hall outside of the room where they could be stolen.

**11.0 Class Schedule:**

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| --- | --- | --- |
| Med III - M, T, W - 9:00 AM |  |  |
| 3-Jan | Dysphagia/Choke | Beard |
| 8-Jan | Gastric Ulceration/Right dorsal Colitis | Beard |
| 9-Jan | Acute Abdomen (approach to the colic patient) | Beard |
| 10-Jan | Acute Abdomen (impactions, LDDC, AE) | Beard |
| **15-Jan** | **MLK Day** | **No Class** |
| 16-Jan | Colitis/Endotoxemia | Beard |
| 17-Jan | Infectious Colitis | Beard |
| 22-Jan | Blood Gas | Davis |
| 23-Jan | Fluid Therapy | Davis |
| 24-Jan | Equine bloodwork | Davis |
| 29-Jan | Anemia | Davis |
| 30-Jan | Toxicology | Davis |
| 31-Jan | Endocrine | Beard |
| 5-Feb | Laminitis | Beard |
| 6-Feb | Diarrhea in Foals | Beard |
| 7-Feb | Equine Neonatal Evaluation | Delph |
| **9-Feb** | **Examination I Dysphagia through Laminitis (13 lectures)** | **7:30 to 9:00 AM** |
| 12-Feb | Equine Neonatal Septicemia - clinical signs, pathophys | Delph |
| 13-Feb | Equine Neonatal Septicemia - diagnosis, therapy, prevention | Delph |
| 14-Feb | Parasitology in practice | Beard |
| 19-Feb | Equine Dentistry | Blevins |
| 20-Feb | Equine Dentistry | Blevins |
| 21-Feb | Dermatology | Beard |
| 26-Feb | Dermatology | Beard |
| 27-Feb | Muscle – exertional rhabdomyolysis: PSSM, Shivers, RER | Davis |
| 28-Feb | Muscle – immune-mediated disease and clostridial myonecrosis | Davis |
| 5-Mar | Muscle – non-exertional: HYPP, WMD, GBED | Davis |
| 6-Mar | Ophtho examination, cornea, eyelid | Rankin |
| 7-Mar | Recurrent uveitis, posterior segment disease | Rankin |
| 9-Mar | **Examination II Foals through Ophtho (14 lectures)** | **7:30 to 9:00 AM** |
| 12-Mar | Renal | Beard |
| 13-Mar | Urinary | Beard |
| 14-Mar | Geriatric Horses | Beard |
| **3/19-3/23** | **SPRING BREAK NO CLASS** |  |
| 26-Mar | Neurologic Examination | Davis |
| 27-Mar | Spinal Ataxia | Davis |
| 28-Mar | Spinal Ataxia: EPM / EHV | Davis |
| 2-Apr | Vestibular Disease, head trauma | Delph |
| 3-Apr | Viral Encephalitides | Delph |
| 4-Apr | Viral Encephalitides | Delph |
| 9-Apr | Botulism Tetanus | Delph |
| 10-Apr | Equine Cardiology | Beard |
| 11-Apr | Equine Cardiology | Beard |
| 16-Apr | Physical Examination of the Respiratory Tract | Rush |
| 17-Apr | Heaves: Reactive Airway Disease | Rush |
| 18-Apr | Viral Respiratory Disease | Rush |
| 23-Apr | Viral Respiratory Disease | Rush |
| 24-Apr | Pneumonia in weanlings | Davis |
| 25-Apr | *Streptococcus equi* and Purpura Hemorrhagica | Rush |
| **26-Apr** | **Examination III Renal through Resp (18 lectures)** | **9:00 to 11:00 AM** |

**12.0 Optional Syllabi Statements:**

**12.1 Copyright Notification**

Copyright 2018 (Elizabeth Davis) as to this syllabus and all lectures. During this course students are prohibited from selling notes to or being paid for taking notes by any person or commercial firm without the express written permission of the professor teaching this course. In addition, students in this class are not authorized to provide class notes or other class-related materials to any other person or entity, other than sharing them directly with another student taking the class for purposes of studying, without prior written permission from the professor teaching this course.

**12.2 Academic Freedom**

Kansas State University is a community of students, faculty, and staff who work together to discover new knowledge, create new ideas, and share the results of their scholarly inquiry with the wider public. Although new ideas or research results may be controversial or challenge established views, the health and growth of any society requires frank intellectual exchange. Academic freedom protects this type of free exchange and is thus essential to any university's mission.

Moreover, academic freedom supports collaborative work in the pursuit of truth and the dissemination of knowledge in an environment of inquiry, respectful debate, and professionalism. Academic freedom is not limited to the classroom or to scientific and scholarly research, but extends to the life of the university as well as to larger social and political questions. It is the right and responsibility of the university community to engage with such issues.

**12.3 Weapons Policy Statement**

Kansas State University prohibits the possession of firearms, explosives, and other weapons on any University campus, with certain limited exceptions, including the lawful concealed carrying of handguns, as provided in the University Weapons Policy, found at <http://www.k-state.edu/police/weapons/index.html>.

You are encouraged to take the online weapons policy education module (<http://www.k-state.edu/police/weapons/index.html>) to ensure you understand the requirements of the policy, including the requirements related to concealed carrying of handguns on campus*.* Students possessing a concealed handgun on campus must be 21 years of age or older and otherwise lawfully eligible to carry. All carrying requirements of the policy must be observed in this class, including but not limited to the requirement that a concealed handgun be completely hidden from view, securely held in a holster that meets the specifications of the policy, carried without a chambered round of ammunition, and that any external safety be in the “on” position.

If an individual carries a concealed handgun in a personal carrier such as a backpack, purse, or handbag, the carrier must remain within the individual’s exclusive and uninterrupted control. This includes wearing the carrier with a strap, carrying or holding the carrier, or setting the carrier next to or within the immediate reach of the individual.

During this course, you will be required to engage in activities, such as taking an examination, that may require you to separate from your belongings, and thus you should plan accordingly.

Each individual who lawfully possesses a handgun on campus shall be wholly and solely responsible for carrying, storing and using that handgun in a safe manner and in accordance with the law, Board policy and University policy. All reports of suspected violation of the weapons policy are made to the University Police Department by picking up any Emergency Campus Phone or by calling 785-532-6412.

**12.4 Campus Safety Statement**

Kansas State University is committed to providing a safe teaching and learning environment for student and faculty members. In order to enhance your safety in the unlikely case of a campus emergency make sure that you know where and how to quickly exit your classroom and how to follow any emergency directives. To view additional campus emergency information go to the University's main page,[www.k-state.edu](http://www.k-state.edu/), and click on the Emergency Information button, located at the bottom of the page.

**12.5 Safe Zone Statement**

We are part of the SafeZone community network of trained K-State faculty/staff/students who are available to listen and support you. As a SafeZone Ally, I can help you connect with resources on campus to address problems you face that interfere with your academic success, particularly issues of sexual violence, hateful acts, or concerns faced by individuals due to sexual orientation/gender identity. Our goal is to help you be successful and to maintain a safe and equitable campus.