

3rd Revision 4/13/15 11-12 NCL

FORMAT 1

Submits original duplicate copy to

DATE: _____

1. NAME OF STUDENT: _____

2. GRADE: _____
YEAR: _____

3. FATHER'S NAME: _____
MATERIAL STATUS: _____

4. MOTHER'S NAME: _____
MATERIAL STATUS: _____

5. BROTHERS: _____
SISTERS: _____

6. GRADE IN WHICH YOU ARE PLACED IN: _____

7. SEMESTER & YEAR OF FIRST OFFENSE: _____

8. DATE:

9. GRADE IN WHICH YOU ARE PLACED IN: _____

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feedback throughout the semester period (clinical lab) (JS)

therefore 2 hours/week/credit for a 14 week semester is used

COMPLETE CATALOG DESCRIPTION

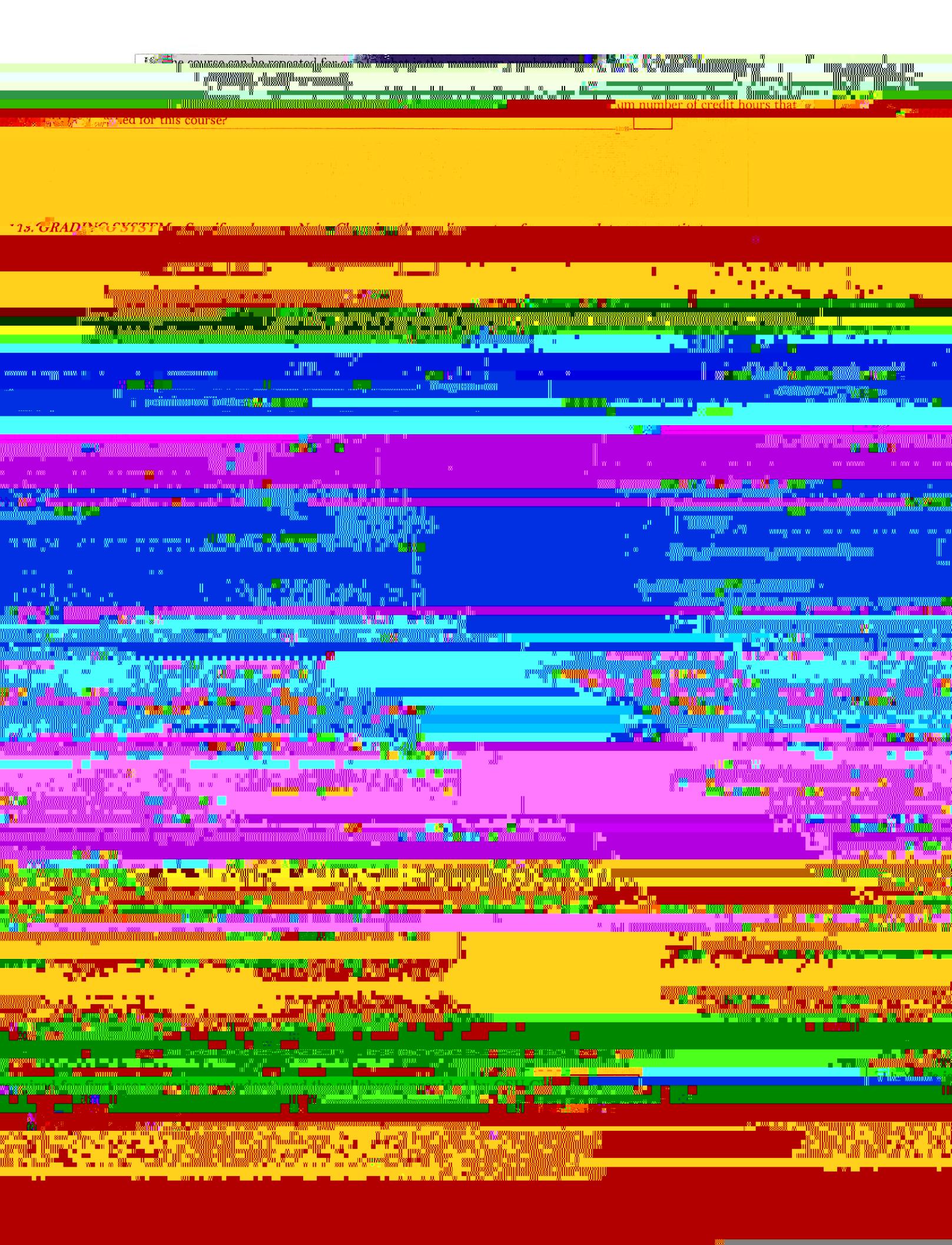
DVM 310 Department of Veterinary Medicine

7 (5+6) Credits Offered Fall

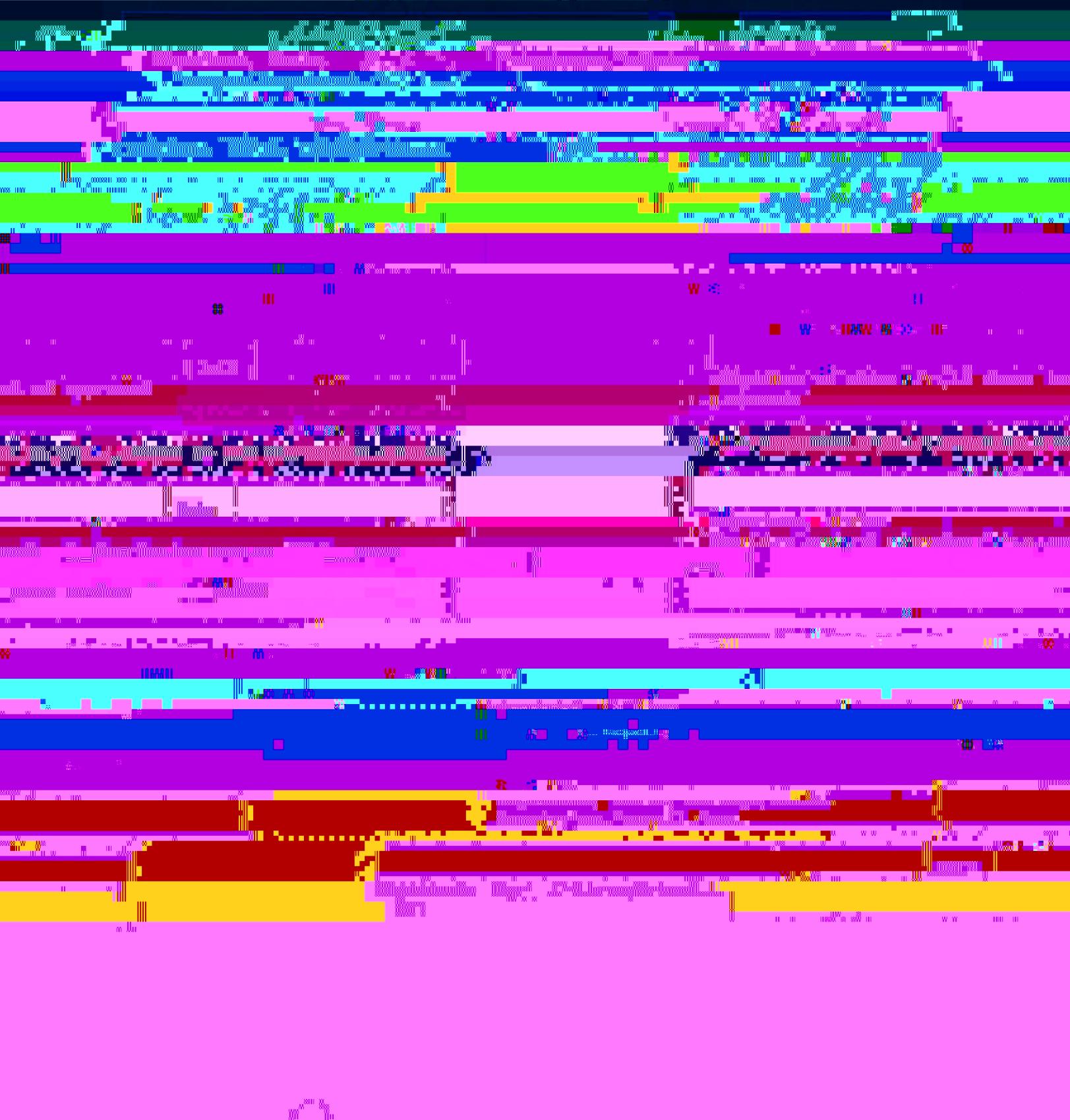
Functional Anatomy Prerequisite: Access to the Professional Veterinary Program

This course will follow along with the basic

the basics yet



APPROXIMATE ADDITIONAL STRUCTURE LINES ARE NEEDED



SYNTHETIC SYLLABLES

These are the most common type of syllable. They consist of one vowel plus one or more consonants. The vowel may be single or double. The consonants may be single or double. The consonants may be single or double.

I. Synthetic monosyllables

(A) vowel + C (B) vowel + CC (C) vowel + CCC (D) vowel + CCCC

II. Synthetic disyllables

(A) vowel + vowel (B) vowel + vowel + C (C) vowel + vowel + CC

(D) vowel + vowel + CC (E) vowel + vowel + CCC

(F) vowel + vowel + CCCC (G) vowel + vowel + CCCC (H) vowel + vowel + CCCC

(I) vowel + vowel + vowel

III. Synthetic polysyllables

(A) vowel + vowel + vowel + C (B) vowel + vowel + vowel + CC (C) vowel + vowel + vowel + CCC

(D) vowel + vowel + vowel + CCCC (E) vowel + vowel + vowel + CCCC (F) vowel + vowel + vowel + CCCC

(G) vowel + vowel + vowel + vowel + C (H) vowel + vowel + vowel + vowel + CC (I) vowel + vowel + vowel + vowel + CCC

(J) vowel + vowel + vowel + vowel + CCC (K) vowel + vowel + vowel + vowel + CCCC (L) vowel + vowel + vowel + vowel + CCCC

(M) vowel + vowel + vowel + vowel + vowel + C (N) vowel + vowel + vowel + vowel + vowel + CC (O) vowel + vowel + vowel + vowel + vowel + CCC

(P) vowel + vowel + vowel + vowel + vowel + CCC (Q) vowel + vowel + vowel + vowel + vowel + CCCC (R) vowel + vowel + vowel + vowel + vowel + CCCC

(S) vowel + vowel + vowel + vowel + vowel + vowel + C (T) vowel + vowel + vowel + vowel + vowel + vowel + CC (U) vowel + vowel + vowel + vowel + vowel + vowel + CCC

(V) vowel + vowel + vowel + vowel + vowel + vowel + CCC (W) vowel + vowel + vowel + vowel + vowel + vowel + CCCC (X) vowel + vowel + vowel + vowel + vowel + vowel + CCCC

(Y) vowel + C (Z) vowel + CC (AA) vowel + CCC

(BB) vowel + CCCC (CC) vowel + CCCC

(DD) vowel + C (EE) vowel + CC (FF) vowel + CCC

(GG) vowel + CCCC (HH) vowel + CCCC

(JJ) vowel + C (KK) vowel + CC (MM) vowel + CCC

(NN) vowel + CCCC (OO) vowel + CCCC

DVM 616 VETERINARY KINETICS FOR ANIMALS

SYLLABUS STATE

Course Number: DVM 616 / Course Title: Veterinary Kinetics for Animals

Section: STATE / Credit Hours: 3.0 / Contact Hours: 3.0 / Lecture Hours: 3.0

Prerequisites: None / Corequisites: None / Recommended: None / Textbook: None

Course Description: This course will introduce students to the basic concepts of pharmacokinetics and pharmacodynamics. It will cover the principles of absorption, distribution, metabolism, and excretion (ADME) and their application to veterinary medicine.

Learning Objectives:

Upon completion of this course, students will be able to:

• Define the basic concepts of pharmacokinetics and pharmacodynamics.

• Explain the principles of absorption, distribution, metabolism, and excretion (ADME).

• Calculate pharmacokinetic parameters such as half-life, clearance, and volume of distribution.

• Apply pharmacokinetic principles to the treatment of animals.

• Identify common pharmacokinetic interactions and their clinical significance.

• Use pharmacokinetic models to predict drug responses and dosing requirements.

• Evaluate the safety and efficacy of pharmaceutical products based on pharmacokinetic data.

• Communicate pharmacokinetic concepts effectively to veterinary professionals and clients.

• Use pharmacokinetic software to analyze drug disposition data and generate reports.

• Stay up-to-date with the latest developments in pharmacokinetics and its applications in veterinary medicine.

E-mail: the best way to reach the instructor. You can also use the course website or the university's communication system.

Office hours: By appointment. Please contact the instructor via email or phone to schedule a meeting.

Attendance: Regular attendance is required. Students are expected to participate in all class activities and assignments.

Assignments: There will be several assignments throughout the course, including quizzes, problem sets, and a final project.

Quizzes: Quizzes will be administered at the end of each module to assess student understanding of the material.

Problem sets: Problem sets will be assigned to reinforce concepts learned in class and to prepare students for the final project.

Final project: A final project will be completed by each student, involving the analysis of a real-world pharmacokinetic dataset and the development of a report.

Grading: The final grade will be determined based on the following components:

• Quizzes: 10% (total score from all quizzes)

• Problem sets: 20% (total score from all problem sets)

• Final project: 70% (final report score)

Students must achieve a minimum grade of 70% to pass the course.

Academic honesty: All work submitted for grading must be original and done independently. Plagiarism will result in failing the course.

Disability services: If you have a disability that requires accommodations, please contact the university's disability services office.

Feedback: Your feedback is important to me. Please feel free to contact me with any questions or concerns.

Sincerely,

[Instructor's Name]

5. Course Goals:

The goal of this course is to discuss (in detail) the locomotor system of **terrestrial mammals**.

QUESTION: What is the function of the "limbs" of mammals? How do they move? How do they move faster? How do they move longer?

ANSWER: In detail:

- Locomotor System: Anatomy of the skeleton, how it moves, how to move it.
- Muscular System: How muscles move the skeleton, how to move them.
- Nervous System: How the brain and spinal cord control movement.

ANSWER: In detail:

- Locomotor System: Anatomy of the skeleton, how it moves, how to move it.
- Muscular System: How muscles move the skeleton, how to move them.
- Nervous System: How the brain and spinal cord control movement.

ANSWER: In detail:

- Locomotor System: Anatomy of the skeleton, how it moves, how to move it.
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ANSWER: In detail:

- Locomotor System: Anatomy of the skeleton, how it moves, how to move it.
- Muscular System: How muscles move the skeleton, how to move them.
- Nervous System: How the brain and spinal cord control movement.

Q. Physical Locomotion by mammals.

ANSWER: In detail:

active learning activities. Assessment will be used throughout the course to help students learn the material in an effective and meaningful way.



Grader: *Werner Göttsche* **HOD points:** *100 points*
Course leader: *Werner Göttsche* **Coordinator:** *Sarah Elshehry*
Assistant: *Yiwei Zhang*

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All exams must be taken at the scheduled time. **NO EXCEPTIONS**

Failure to do so will result in a failing grade.

If you have a documented disability, you may request reasonable accommodations. You must notify me in writing by the end of the first week of class.

11. Academic Integrity

Academic integrity is the cornerstone of our educational mission.

Students are expected to follow the University's Academic Integrity Policy.

Violations of academic integrity will result in a failing grade.

Violations of academic integrity will also result in disciplinary action.

Violations of academic integrity will also result in a failing grade.

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12. Disabilities Services

All students, including those with disabilities, are welcome in this course. The University is committed to providing equal access to this course for students with disabilities.

Regional anatomy: Oral cavity, nose, pharynx

Lectures 10-12

