

ANSC 440

Anatomy & Physiology of Domestic Animals

Course Requirements and Outline

Fall 2011

Instructor: Dr. Celina Johnson

Contact Info: Plumas Hall 210
530-898-4147

Office Hours: Monday: 1:30 – 4:00 pm
Thursday: 2:30 – 4:30 pm
By appointment as needed

Course Meeting Times: Lecture: Tuesday/Thursday; 9:30 – 10:20 am; BUTTE 201
Laboratory: Thursday; 11:00 am – 1:50 pm; PLMS 315
(may occasionally meet at South Campus – a.k.a. “farm”)

Required Text: *Functional Anatomy and Physiology of Domestic Animals*
William O. Reece, Blackwell Publishing, 4th Edition

Other Requirements: Students will need colored pencils for lab activities. Must have for Lab 1! Lab Manual – due to the high cost of the lab manual, the instructor will be scanning in the lab manual and supplying students with the chapters needed. *If students wish to purchase the lab manual, it is “Veterinary Anatomy & Physiology: A Clinical Laboratory Manual” by Philip Cochran (2nd Edition). Average cost is about \$50.*

Course Objectives: To learn basic anatomy of domestic animals and the pertinent physiologic processes. This course is designed to serve the basic anatomy and physiology requirements for Animal Science students and Pre-Vet majors.

Computer Use:

All communication for this course will be conducted via WebCT Vista. This includes email communications and course announcements. All communication will be made through the Lecture Section on WebCT. It is the student’s responsibility to check WebCT regularly for any announcements regarding the course. If an activity or lab is not posted to WebCT by 6 pm of the day before that lab/activity; the instructor will bring copies to class.

Grading:

This course is designed to have a variety of assignments, exams, and quizzes to allow a variety of opportunities for you to make points. There is no curve, but grades will be rounded up to the nearest whole number (ex. 89.5 would round up to 90). The following is the grading scale for this class:

Grading Scale:

A ≥ 93%	B ≥ 83%	C ≥ 73%	D ≥ 60%
A- ≥ 90%	B- ≥ 80%	C- ≥ 70%	F < 60%
B+ ≥ 87%	C+ ≥ 77%	D+ ≥ 67%	

Points Possible:

% of Grade

Lab Activities (10 labs count x about 25 pts each)	250 pts	28%
Lab Attendance (count 14 labs x 5 pts)	70 pts	8%
Journal Paper Review presentation (by lab partner teams)	100 pts	11%
Quizzes/Exams (7 at 50 pts, comprehensive final at 125 pts)	475 pts	53%
Total points	895 pts	

Assignments and Activities:

LABORATORY ACTIVITIES AND ATTENDANCE

Each week in lab, students will have an assignment that will be due the following week at the BEGINNING of lab time. These activities will be 25-30 points each.

Additionally – attendance is required for laboratory exercises. As such, students will earn 5 points for each lab they participate in. If a student must miss a lab, they will miss out on those points. Only school related activities that have prior approval from the instructor will be excused (see instructor's course policies). Excused absences results in half points for that lab!

JOURNAL PAPER REVIEW

Each lab partner team will be required to find an applied clinical medicine article and present it at the end of the semester. A sample PowerPoint presentation will be posted on WebCT. Each team will develop a BRIEF presentation on that paper and present it at the designated lab! Details will be provided on WebCT and in lab. This activity is worth 100 pts. Peers will be required to evaluate each presentation as well.

Presentations will be NO LESS than 8 minutes and NO MORE than 10 minutes!!! This means about 6-10 powerpoint slides!!!! The objective of this review is to learn to pull key information out of journal articles!

See the Presentation Rubric on WebCT for how these will be graded by the instructor and your peers!

ASSESSMENT

Approximately every three weeks, there will be a 50 point assessment at the beginning of lab time (see the syllabus for dates). The first 50 minutes will be allocated for these assessments. These will cover lecture and lab material since the previous assessment. The final will be a comprehensive final and worth 125 points. The instructor reserves the right for “pop quizzes” at any point in the semester! Usually happens if attendance drops off!

EXTRA CREDIT

If a student desires extra credit, they may submit answers to the questions in each chapter in the text book. Students may do a maximum of 3 chapters for 10 points extra credit, each (total of 30 points). THIS DOES **NOT** INCLUDE THE MULTIPLE CHOICE REVIEW QUESTIONS!!! Questions are graded as “all or none” – meaning full credit is only given if **ALL** questions are correctly answered. To submit questions and answers, use the ASSIGNMENT FUNCTION in WEBCT. Each chapter of the text that we cover, will have a unique assignment for it, with the due date. There will be no reminders for this activity – students are on their own to complete the extra credit opportunity.

Course Policies:

- NO LATE ASSIGNMENTS WILL BE ACCEPTED! If you are not going to be attending class where an assignment is due, drop it off early or send it with a classmate.
- Periodically, during lecture or lab, other assignments can be assigned at the instructor's discretion.
- No make-up exams/quizzes will be allowed, EXCEPT FOR **ABSENCES** THAT HAVE BEEN **CLEARED BY THE INSTRUCTOR** **PRIOR** TO THE ABSENCE!
 - For school related activities, a letter or email from the supporting faculty/instructor **is required prior to the absence.**
- Remember – you earn grades, professors merely assign them!
- “Pet Peeves”:
 - *Asking how long something will take. You are paying for a certain amount of time by signing up for this course – we will meet for the full time!*
 - *Asking to be excused from rules that all classmates are following.*
 - *Cell Phones that ring or vibrate during class time (lecture or lab). Leads to Celina’s Cell Phone Rule - **If a cell phone goes off during class time (lecture or lab), the owner loses 10 points. This includes texting during class!!!!***
 - *Inappropriate or disruptive behavior will not be tolerated, nor will lewd or foul behavior*
 - *Unstapled assignments – multiple page assignments without a staple will receive a score of 0.*
 - *Missing names on assignments – receive a score of 0.*
- You are responsible for adding/dropping classes.
- It is YOUR responsibility to obtain any information announced in class.
- **You will have a one-week period following the return of any exams, quizzes, or assignments to resolve any questions regarding the grading. After that time period, all grades are final.**
- You should retain all graded items until a final course grade is assigned.
- If there is evidence that you have been involved in any form of academic dishonesty, you will receive an “F” grade for the course, be locked from WebCT, and a report will be provided to the Student Judicial Affairs for further action.
- If you need specific accommodations due to a disability (or other circumstances), you must contact a counselor at Disability Support Services, 530-898-5959.

Academic integrity

Students are expected to be familiar with the University's Academic Integrity Policy. Your own commitment to learning, as evidenced by your enrollment at California State University, Chico, and the University's Academic Integrity Policy requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the Office of Student Judicial Affairs. The policy on academic integrity and other resources related to student conduct can be found at: <http://www.csuchico.edu/sjd/sja.shtml>

Philosophical Statement – Academic Rigor

Academic rigor consists of dedication on the part of students and faculty to the pursuit of academic excellence, including discipline of mind and disciplined behavior, intellectual honesty, decorum and civility. It is exemplified by the attainment of the highest standards as defined by and in each discipline. It also includes transmitting, sustaining, evaluating, and enhancing the continuity of recognized intellectual achievements in each discipline. A passion for learning and high expectations should pervade the atmosphere of the University. The quality of education and the degrees and certificates offered by the University will only have value insofar as the administration, faculty, and students view themselves as custodians of the University's reputation.

Expectations for a Learning Community

Expectations of Faculty

Expectations of Students

Demonstrate high expectations of the course through a demanding syllabus, well-prepared classes, staying current through research and professional activities.	Set high personal standards, develop a strong sense of purpose, come to class well-prepared, and complete assignments on time
Offer conscientious advising and predictable availability	Make the most of faculty advising and mentoring
Fully involve students in the learning experience by providing prompt, frequent feedback and developing rigorous testing methods	Treat fellow students and the classroom environment with complete respect; give each class full attention and participation; do not miss class, arrive late, or leave early
Develop approaches and strategies geared to diverse talents and ways of learning, while maintaining high standards of accountability	Accept responsibility for learning and grades earned
Seek to eliminate opportunities to engage in academic dishonesty	Approach each class in a professional manner
Actively contribute to their disciplines	Recognize that a full-course load is equivalent to full time work and spend no less time on it
	Demonstrate complete honesty and integrity

Lecture Topics

1.	Basics of Structure/Function (chpt 1)	7.	Urinary System (chpt 11)
2.	Blood and Functions (chpt 3)	8.	Endocrine System (chpt 6)
3.	Bones/Joints/Synovial Fluid (chpt 7)	9.	Nervous System (chpt 4)
4.	Muscle (chpt 8)	10.	Sensory Organs (chpt 5)
5.	Cardiovascular System (chpt 9)	11.	Body Heat and Temp Regulation (chpt 13)
6.	Respiratory System (chpt 10)	12.	Lactation (chpt 16)

Week	Lab Activity
1 Aug 25	LAB 1 - Basic Terminology and Review of Cells and Functions Identify lab partners
2 Sept 1	LAB 2 – Microscopic Anatomy of Tissues
3 Sept 8	LAB 3 – Blood Lab Quiz
4 Sept 15	LAB 4 – Skeletal System Formal reference of journal to review due (must be approved by instructor) and draw for presentation days (one per lab team)
5 Sept 22	LAB 5 – Muscle Quiz
6 Sept 29	LAB 5 – Muscle (continued)
7 Oct 6	LAB 6 – Cardiovascular Quiz
8 Oct 13	LAB 7 – Respiratory Summary of presentation paper due in lab (typed, double spaced, one page minimum, two page maximum, includes citation, one per lab team)
9 Oct 20	LAB 8 – Urinary System Quiz
10 Oct 27	LAB 9 – Endocrine System
11 Nov 3	LAB 10 – Nervous System Quiz
12 Nov 10	LAB 11 – Sensory Organs
13 Nov 17	Free lab to prepare presentations Quiz (online via WebCT)
14 Nov 24	NO LAB Thanksgiving!
15 Dec 1	Presentations – Day 1
16 Dec 8	Presentations – Day 2 Quiz
17 Dec 13	Final - Tuesday, 12:00 pm – 1:50 pm