

AGSC 320  
*ANATOMY & PHYSIOLOGY OF DOMESTIC ANIMALS*

INSTRUCTOR:

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office hours: 9:30-11:30 MWF, but I am in my office at many other times. Please call or email for an appointment or just drop-in.

COURSE DESCRIPTION:

A study of the form and function of cells, tissues, organs, and systems of the domestic animals.

TEXTBOOKS and SUPPLIES:

1. Anatomy & Physiology of Farm Animals 6th ed. RD Frandson

2. Sebastiani & Fishbeck Mammalian Anatomy of the Cat, 2<sup>nd</sup> ed.

3. Dissection Instruments

4. PowerPoint outlines will be available on Blackboard for most of the topics covered in class.

OBJECTIVES:

1. To learn facts, terms, and concepts of cells, tissues, organs, and systems with regard to form and function.
2. To identify the control mechanisms for body functions and maintenance of homeostasis.
3. To compare the interrelationships between various systems and correlate the various body systems with the whole animal.
4. To understand the "normal" processes/aspects of anatomy & physiology as a basis for understanding alterations that result in disease.

EXPECTATIONS OF THE STUDENTS:

Active participation in class, by means of questions and discussions, is encouraged and is usually stimulating to all those in the class.

Students will be responsible for all material covered in class and any assigned readings.

Because of the volume of material covered in the class and in lab, regular attendance is a necessity. See *attendance policy* below.

This class will be taught using mainly a PowerPoint format. PowerPoint presentations will be available on BlackBoard on the Truman website. You will need to print out each presentation in "handout" format prior to class. Pictures or diagrams that are too small to read can be printed individually in "slide" format.

Lab will involve much careful dissection and will probably require out-of-class time to be spent in lab. Access to the lab after hours will be available.

#### ACADEMIC INTEGRITY

Truman students are expected to be committed to the values of academic integrity: honesty, trust, fairness, respect, and responsibility. You are expected to be trustworthy and honest, doing your own work on tests, quizzes, and projects. In some test and quiz situations, we may be crowded in our lecture room: honesty requires that you do not look at your neighbor's paper. You are expected to treat your classmates with respect and fairness, working cooperatively and with consideration in lab groups and be responsible in your conduct.

Maintaining these values will enhance your self-respect and your years at Truman and contribute to a rewarding and valuable life. In order for us to strive for a life and a world of high personal standards, we must each act with integrity in our individual lives.

#### ATTENDANCE POLICY

See [http://provost.truman.edu/attendance\\_policy.pdf](http://provost.truman.edu/attendance_policy.pdf) for the Truman attendance policy. Attendance in 320 is extremely important and usually correlates positively with grades. Please inform me ahead of time if you know you will miss a class. I can tape the class for you. It is your responsibility to obtain notes from another student, become aware of announcements, obtain handouts, and make up any missed labs, quizzes, or assignments.

#### BASIS FOR EVALUATION:

Periodic lecture exams:	3 @ 100pts = 300 pts
lab exams	3 @ 100 pts = 300 pts
Periodic quizzes:	-10 @ 15pts = -150 pts
Comprehensive final exam:	100pts = <u>100 pts</u>
Total pts possible =	- 850 pts

(Quizzes: we will have a brief quiz at the beginning of each Fri. lecture; it will cover the material in the previous 3 lectures. There will also be quizzes following several of the labs.)

#### Grading scale:

>90% = A	60-69% = D
80-89% = B	<59% = F
70-79% = C	