Mammalian Anatomy Biology 129, Fall 2011 4 Credits

Lecture: Monday 12:20-1:10 PM; 117 Reed

Laboratory: Monday/Wednesday; 172 Benson 10:10 AM-12 PM (Section 1)

1:20-3:10 PM (Section 2) 3:15-5:05 PM (Section 3) 5:10-7 PM (Section 4)

Instructor: Lisa Mangel (lam26@psu.edu), (814) 438-7659 Teaching Assistant: Melissa Rihel (mxr5255@psu.edu)

Office: 179 Benson, 898-6122

Office Hours: Monday/Wednesday 7-8 PM, Wednesday 12-1 PM

Anatomy and Physiology Laboratory Manual (required), Eric Wise, McGraw Hill Publishers, Spiral Bound

<u>Course Description</u>: This course is designed to provide a better understanding of mammalian anatomy, focusing primarily on humans and felines. Function and structure will be integrated through slide examination, laboratory experiments, and dissections.

<u>Course Policies</u>: You are expected to attend all lectures and labs. Missed lectures and labs are your responsibility (try to get notes from another student). It is important to keep up to date with the laboratory information. Attendance at exams is obligatory. Absence will result in a grade of "0" unless a reasonable excuse is presented to the instructor (ex. written medical excuse). In addition, you must notify the instructor of the reason for your absence **prior to the exam**. Makeups will usually be more difficult or in some cases impossible. If you will miss an exam for an approved University event, you should make arrangements for a make-up exam **prior** to the scheduled day.

Academic Integrity: Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Academic dishonesty includes, but is not limited to, cheating, fabricating of information or citations, facilitating acts of academic dishonesty by others, or tampering with the academic work of others. A student charged with academic dishonesty will be given oral or written notice and if serious enough, will receive an F for the course and/or will be referred to Judicial Affairs. For more information on academic integrity at Penn State, please visit the following URL: http://www.psu.edu/dept/oue/aappm/G-9.html.

<u>Grading</u>: There are 7 exams all weighted equally.

- 1. Two Lecture Exams
- 2. Four Laboratory Exams
- 3. One Cumulative Final Exam

Your final grade will be an average of these 7 exams and converted to a letter grade using the following scale.

A = 94-100% C+=77-79%= 75-76%A-= 90-93%C = 68-74%B+= 87-89%D F В = 83-86%= 67% and lower B-= 80-82%

Please refer to the University Grading Policy for Undergraduate Courses for additional information.

Biology 129

Anatomy - Fall 2012

	Lecture	Laboratory
Mon. August 27	Introduction to Anatomy	Microscopy
Wed. August 29	Cell Structure and Function	Tissues
Mon. September 3	Labor Day - No Classes	Labor Day - No Classes
Wed. September 5	Cell Membranes	Integumentary
Mon. September 10	Skeletal System	Histology/Cytology Practical
Wed. September 12	Articulations	Skeletal System
Mon. September 17	Muscle Physiology	Axial Skeleton
Wed. September 19	Nervous System Introduction	Axial/Appendicular Skeleton
Mon. September 24	Central Nervous System	Axial/Appendicular Skeleton
Wed. September 26	Peripheral Nervous System	Appendicular Skeleton
Mon. October 1	Nervous System Physiology	Appendicular Skeleton
Wed. October 3	Recitation	Osteology Practical
Mon. October 8	Exam 1 (Burke 175/176)	"There is more than one way to skin a cat"
Wed. October 10	Sensory Organs - Taste and Smell	"Slim and Trim"
Mon. October 15	Eyes and Vision	Shoulder and Arm
Wed. October 17	Ears and Hearing/Balance	Hip and Leg
Mon. October 22	Endocrine System	Head and Neck
Wed. October 24	Blood Cells	Trunk
Mon. October 29	Structure of the Heart	Trail Guide
Wed. October 31	Structure of the Heart	Myology Practical
Mon. November 5	Function of the Heart	Blood Vessels
Wed. November 7	Function of the Heart	Arteries of the Upper Body
Mon. November 12	Vessels and Lymphatic system	Arteries of the Lower Body
Wed. November 14	Recitation	Veins
Mon. November 19	Thanksgiving - No Classes	Thanksgiving - No Classes
Wed. November 21	Thanksgiving - No Classes	Thanksgiving - No Classes
Mon. November 26	Exam 2 (Burke 175/176)	Blood Vessel Summary
Wed. November 28	Respiratory System	Circulatory Practical
Mon. December 3	Urinary System and Urinalysis	Respiratory/Digestion
Wed. December 5	Male Reproductive System	Urinary/Reproduction
Mon. December 10	Female Reproductive System	Laboratory Closed
Wed. December 12	Recitation	Laboratory Closed

^{*}Final Exams December 17th-21st, 12

Accommodating Disabilities: Penn State welcomes students with disabilities into the University's educational programs. If you have a disability-related need for reasonable academic adjustments in this course, contact the Office for Disability Services (ODS) at 814-863-1807 (V/TTY). For further information regarding ODS, please visit the Office for Disability Services Web site.

In order to receive consideration for course accommodations, you must contact ODS and provide documentation (see the <u>documentation guidelines</u>). ODS will provide a letter identifying appropriate academic adjustments. Please share this letter and discuss the adjustments with your instructor as early in the course as possible. You must contact ODS and request academic adjustment letters at the beginning of each semester.

^{**}Please note that course materials can be found on the University course management system https://cms.psu.edu/

^{**}Disclaimer: Please note that the specifics of this Course Syllabus are subject to change, and you will be responsible for abiding by any such changes. Your instructor will notify you of any changes.