SPRING 2010
Anatomy and Physiology II
Biology 102L
Lab Sections LM3 and LM4

This course is designed to provide students with the basic terminology, concepts, and principles of anatomy and physiology. The focus is not on application. The course will require constant and intensive study.

LAB: **Section LM3** Sat 12:30-2:30PM **Section LM4** Sat 2:30-4:30PM
1/16, 1/30, 2/13, 2/27, 3/13, 3/27, 4/10 and 4/24
Location: Kern 2126
Website: learn.maryville.edu (requires username and password)
PROFESSOR: Dr. Jamie Gotto
E-mail: jgotto@maryville.edu

REQUIRED BOOKS:

1. *Anatomy and Physiology: The Unity of Form and Function* (4th Edition), McGraw Hill, Saladin
2. *Anatomy and Physiology Laboratory Manual* (2nd Edition), McGraw Hill, Bruzzini

LEARNING OBJECTIVES:

Have an understanding of the anatomy and physiology of the following systems:

1) Sensory
2) Endocrine
3) Cardiovascular
4) Lymphatic
5) Immune
6) Respiratory
7) Digestive
8) Urinary
9) Reproductive

ASSESSMENT:

Students' success in this class will be monitored by administering three lab practical exams. Laboratory exams will be designed to test general knowledge of laboratory procedures and assignments. These will consist of 50 questions, each worth 2 points. You will have to come up with the answer on your own. Supplemental handouts may be given throughout the course of the semester.

3 Exams 3 x 100 = 300 TOTAL POSSIBLE POINTS

CLASSROOM ACTIVITY:

Students are expected to regularly attend class. Readings from the text and the lab manual are essential for complete understanding and should be examined before each lab. Because classroom work will be designed on the assumption that you have read the text and lab manual, you should obtain an overview of the material for each lab before coming to class. Students can then use what is presented in lecture along with the assigned readings as guides in the examination of the gross anatomical structures and on computer assignments.

In all, there will be three hour lab exams that cover the laboratory material. These times are fixed and student schedules should be adjusted accordingly to accommodate the exams. The exams will primarily be identification of gross anatomical structures, models and slides. **There will be no make up tests**.

GRADE POINT DISTRIBUTION:

The lecture portion of the course will count as 3/4 of the final grade. The laboratory portion of the course will count for 1/4 of the final grade.

The grade cutoffs will be no higher than 90% for an A, 80% for a B, 70% for a C, 60% for a D, and below 60% for an F. There will be extra credit questions on both the lecture and lab exams. Final averages that include fractions of 0.5 or greater will be rounded up to the next whole number. These cut-offs are not negotiable.

A	93 - 100%	C+	77-79%
A-	90-92%	C	73-76%
B+	87-89%	C-	70-72%
B	83-88%	D	60-69%
B-	80-82%	F	below 60%

Students found cheating will receive an F for the course, be placed on disciplinary probation, and/or be expelled from the College.

MAKE-UP POLICY:
There will be no make up LAB PRACTICALS. If you miss an exam you will receive a zero for that exam. In the event that an exam is missed and it is for an excused reason arrangements may possibly be arranged with Dr. Bruzzini for an oral exam.

WITHDRAWAL POLICY:
Students must initiate withdrawal through the Admissions Office. Failure to do so results in an "F" for the course. Incompletes are **not** given unless the circumstances warrant it and then **ONLY** at the discretion of the instructor and the department.

ATTENDANCE:
Class attendance is expected. If you miss a class, borrow the notes from a classmate and check to see if the schedule has changed. Absence from multiple classes may result in an F for the course. I can only get to know my students if they show up for class. I do take attendance into consideration if a students' grade falls on a border. Punctuality is important. Beepers and cell phones are also very disturbing so put them on silent or turn them off during class time.

ACADEMIC RIGOR:

You are enrolled in an academically rigorous college course. Your success in this course will require a significant investment of time outside of the class. It is assumed that the student will invest a minimum of two hours of outside study time for each hour of classroom lecture time and one hour of outside study time for each two-hour laboratory session. This course is considered equal in scope, quality, and rigor to comparable courses offered at other colleges and universities.

TUTORS: Free tutoring is available.

DISABILITY SUPPORT SERVICES:

Students who have any disability that might affect their performance in this course should see Dr. Gotto at the **beginning** of the semester. Approved accommodations will be made as identified.

FINAL NOTE:

All students are encouraged to contact me, Dr. Gotto at any time during the semester if you have questions or concerns about your work in this course. Please remember that communication is the key to succeeding in college. I do expect that students put forth the necessary time and preparation for the course, but I also understand that it can sometimes be difficult to succeed. I am always here to help.

Biology 102 Lab Schedule
ANATOMY AND PHYSIOLOGY
Spring 2010
(This schedule is subject to change.)

Week and Day	Topic	Assigned Reading
Week 1	Ear	Ex 16
	Eye	Ex 17
	Tongue	Ex 15
Week 2	Glands	Ex18
	Blood	Ex 19
Week 3	Heart	Ex 20
Week 4	**Practical Exam 1**	
	Pulse Rate and Blood Pressure	Ex 21
	Lymphatic	Ex 23
Week 5	Blood Vessels	Ex 22
	Digestive	Ex 24
Week 6	**Practical Exam 2**	
	Respiratory	Ex 25
Week 7	Urinary	Ex 26
	Reproductive	Ex 27
Week 8	**Practical Exam 3**	

*This syllabus and schedule is subject to change at the discretion of the professor and/or college. It is the students' responsibility to keep abreast of the changes.