SPRING 2010
Anatomy and Physiology II
Biology 102
Section 2M

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.

LECTURE: Saturday 8-11:50AM on 1/16, 1/30, 2/13, 2/27, 3/13, 3/27, 4/10 and 4/24
Location: Reid 2314
Website: learn.maryville.edu (requires username and password)
PROFESSOR: Dr. Jamie Gotto
E-mail: jgotto@maryville.edu

REQUIRED BOOKS/MATERIALS:

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 four lecture exams and an additional project.

1. All exams administered will be worth 100 percentage points. They may include multiple choice, matching, True/False, and short answer type of questions relating to the topics that were covered during lecture.

2. The subject of your project is the disease/disorder/condition of your choice, but must be related to one of the topics that we cover in APII. Your topic must also be approved by me. You should include normal AP vs. abnormal AP and how this will relate to the care you will give patients in your field. You will present this to the class visually (power point presentation, etc.) and also turn in a 2+ page paper (typed, double-spaced, 12pt font). You may use any sources available to you. However, at least one must be a medical journal.

3. Textbook readings may be assigned and discussed during the lecture portion of the course. Laboratory exams will be administered during the course to test general knowledge of laboratory procedures and assignments. Supplemental handouts may be given throughout the course of the semester. Pop quizzes and homework assignments may also be given throughout the semester.

CLASSROOM ACTIVITY:

Students are expected to regularly attend class. Readings from the text are essential for complete understanding and should be examined before each lecture. Because classroom work will be designed on the assumption that you have read the text, you should obtain an overview of the material for each lecture 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.

GRADE POINT DISTRIBUTION:
You will receive only one final grade for the entire course. 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%
A-	90-92%
B+	87-89%
B	83-86%
B-	80-82%
C+	77-79%
C	73-76%
C-	70-72%
D	60-69%
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.

Lecture:			Lab:		
4 Exams	4 x 100	= 400	3 Exams	3 x 50	= 150
Project	1 x 150	= 150	Participation	8 x 3	= 24
Possible Points		**= 550**	**Possible Points**		**= 174**

MAKE-UP POLICY:
Missed lecture exams will be replaced by an essay test administered in the Testing Center. An appointment is required. A missed lab exam will be your dropped grade.

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. Missing one Saturday class is equivalent to missing two weeks of regular 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 Lecture Schedule
ANATOMY AND PHYSIOLOGY
Spring 2010
(This schedule is subject to change.)

Week and Day	Topic	Assigned Reading
Week 1	Senses	Ch 16
	Endocrine	Ch 17
Week 2	Blood	Ch 18
Week 3	***EXAM 1***	
	Heart	Ch 19
Week 4	Blood Vessels	Ch 20
	Lymphatic and Immune	Ch 21
Week 5	***EXAM 2***	
	Digestive	Ch 25
Week 6	Respiratory	Ch 22
	Urinary	Ch 23
	Water Balance	*Ch 24*
Week 7	***EXAM 3***	
	Male Reproductive	Ch 27
	Female Reproductive	Ch 28
	Human Development	*Ch 29*
Week 8	***EXAM 4***	
	Present and Turn in Projects	

*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.