

Biology 2111: Human Anatomy and Physiology I

Summer 2008

Instructor: Dr. Griner

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Web site: www.aug.edu/biordg/

Required purchases:

Text: Human Anatomy and Physiology, 7th edition; E.N. Marieb

Laboratory Manual: Human Anatomy and Physiology Laboratory, 9th edition, cat version; E.N. Marieb

Biology 2111 will provide students with a strong foundation in the chemistry of biological molecules, and it will include a detailed analysis of the anatomy and physiology of cells, tissues, and the following organ systems: integumentary, skeletal, muscular, and nervous.

<u>Exams</u>		<u>Determination of final grades</u>	
1 Lecture Midterm:	200 points	A = (90-100%):	540-600 points
2 Lab Practicals:	200 points	B = (80-89%):	480-539 points
1 Final Exam:	<u>200 points</u>	C = (70-79%):	420-479 points
Total:	600 points	D = (60-69%):	360-419 points
		F = (0-59%):	0-359 points

Attendance: Students are expected to attend all classes and to arrive on time. Students who exceed 3 absences may be withdrawn from the course at the instructor's discretion. Tardiness will be treated as ½ of an absence.

If a student wishes to withdraw from the course before midterm, it is the student's responsibility to complete the appropriate paperwork. Failure by the student to complete the paperwork will force the instructor to assign a grade of F.

Expectations of students also include: reading of the text and assigned handouts prior to class and participation in any class discussions. Students must make arrangements **in advance** for an excused absence from a lecture exam. **Only students with an excused absence will be allowed to take a make-up exam.** The format of the make-up exam will be at the discretion of the instructor.

Laboratory: Attendance in Laboratory is mandatory, and students are expected to read the appropriate laboratory exercise prior to lab. Each student will be issued a microscope and a box of histology slides. Each student will be held responsible for the assigned equipment. If damage occurs, the student will be charged for replacement and/or repair. Lab equipment should not be removed from room W2021 **for any reason**. Each student will also be required to provide a good quality dissection kit and latex gloves for dissections. These are available in the bookstore.

Each student will need to spend additional "unscheduled" study time in the lab. The laboratory is open for students to use any time that a class is not in session in the lab. Labs will not be open on Friday nights or on weekends. Rules for use of the labs at times other than your scheduled lab time are posted inside the lab and on the Biology Department web site. Please adhere to these and all lab safety rules.

There are no make-ups for lab exams. Failure to take the laboratory practical during the scheduled time period will result in a failing grade (0 points) for that laboratory practical.

Turn off your cell phones and pagers before entering class or lab!

Biol 2111 Lecture and Lab schedule – all dates tentative

<u>Date</u>	<u>Lecture</u>	<u>Lab</u>
5-14	Ch. 1-2 Intro/chemistry	Ex. 1-3: Torso model/microscope
5-15	Ch. 2 Chemistry	
5-16	Ch. 2 Chemistry	
5-19	Ch. 3 Cells	Ex. 4 & 6A: Cell division/tissues
5-20	Ch. 3 Cells	(Ex. 5B on your own)
5-21	Ch. 4 Tissues	Ex. 7-10 Integumentary/axial skeleton
5-22	Ch. 5 Integumentary	
5-23	Ch. 6 Skeletal tissues	
5-26	Ch. 8 Joints	Ex. 11 Appendicular skeleton
5-27	<u>Midterm Exam</u>	
5-28	Ch. 9 Muscle	Ex. 12 Fetal
5-29	Ch. 9 Muscle	
5-30	<u>Lab Practical #1</u>	
6-2	Ch. 9 Muscle	Ex. 14 & 15; Dissection Ex. 1 (p.703)
6-3	Ch. 11 Nervous system	
6-4	Ch. 11 Nervous system	Ex. 17, 19 Neurons/brain/cranial nerves
6-5	Ch. 11 Nervous system	(Ex. 16B on your own)
6-6	Ch. 12 Central NS	
6-9	Ch. 12 Central NS cont.	Ex. 21-23 Spinal cord, reflexes, sensation
6-10	Ch. 13 Peripheral NS	
6-11	Ch. 14 Autonomic NS	Ex. 24-26 Special senses
6-12	Ch. 16 Special senses	
6-13	<u>Lab Practical #2</u>	
6-17	<u>Final exam:</u> 10:00 a.m. – noon	

Midterm date: May 29