

Bio 111 — Human Anatomy & Physiology — Fall 2005  
MW 11:45AM, 2:45PM, Portland campus, Science Building, room 165

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**Office:** Science Building, room 305A  
**Office Hours:** MW 1PM - 2:30 PM

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**Text Book:** *Anatomy and Physiology*, 7th edition, by Seeley, Stephens, & Tate.

**Course website:** This course has a website maintained through the BlackBoard service of University of Maine computer system. It can be accessed through the internet at: <http://www.courses.maine.edu/?bbatt=Y>. If you are unfamiliar with using BlackBoard, please take a moment to read through the instructions available on the website. It is easy to use and will be a source of information throughout the semester. In particular, course notes and answers to homework assignments and exams will be available on this site, as well as important notices. Please refer to the website frequently.

**Lectures:** It is your responsibility to attend all classes; regular attendance is strongly advised and expected. Lectures are intended to introduce the language and vocabulary of human A&P and to provide an intellectual framework to help you understand the reading, rather than to communicate a wealth of specific facts. Lectures and readings are thus complimentary. You are responsible for material covered in lecture and in readings. Exams will draw heavily from lectures but material from the text that was not covered in lecture will be included.

**Lecture courtesy:** Excessive noise among students doesn't bother me but it does distract other students that are paying money and taking the time to learn human anatomy and physiology. If you don't want to listen to my lecture then please do not attend it! It is not mandatory. Please remember to turn off cell phones and pagers before entering unless you have good reason to keep it on.

**Vocabulary:** Last year, one student complained that I didn't write my exams using laymen's terms! One goal of this course, or any course, is to learn the language of that field (in this case, biology). I spend a great deal of time repeating the definitions of biological jargon – but you need to take the time to learn this or you will fail in any field related to health delivery. Please do not be embarrassed to ask for the definition of any technical or everyday word.

**A note on note taking:** Excessive note taking obstructs listening to what I have to say. If you are falling behind while taking notes, stop writing, sit back, relax, and enjoy the lecture.

**Exams:** There will be five one-hour exams, the last given during finals week. Each exam, including the final, is worth 20 points. Make-up exams will only be given for those with valid excuses. I reserve the right to give an oral make-up. **Regrades of Exams:** If you feel that an answer was graded incorrectly, please see me.

**Test scores:** The average score for each test will be around 65. Note that if everyone is receiving 80s, 90s, and 100s, then I am not challenging the class enough and I am doing a disservice to your education and your not getting your money's worth! A mean of 65 allows me to assess which students are really **A** students and which are **B** students (with a mean near 80, say, there will be many, many **A** students – see below for why there should not be).

**Test “grades”.** Letter grades will not be given on individual. Instead, after each exam, I will give a formula that you can use to calculate an approximate letter grade (the grade I would give were I to stop class that day). This formula changes with each successive test so please do not ask me why you received a grade that differs an old formula.

**Final Grade:** Your final grade will be calculated by averaging over the five exams. Several factors, such as attendance, participation, and improvement over the semester, may influence the final letter grade if the calculated total is at the borderline between two letter grades.

**Interpretation of Grades:**

**A** – Superior command of the material. The student is able to synthesize (use multiple bits) learned information and correctly deduce information that was not necessarily given in the book or lecture. Note this is more than mere memory of information from the textbook.

**B** – Above average command of the material. The student is able to memorize most of the material from the textbook but has limited ability to integrate material to form novel deductions.

**C** – Average command of the material. The student is able to memorize much of the material but has very little ability to integrate ideas and information

**D** – Below average command of the material. The student has failed to memorize much of the factual information.

**F** – Failure to memorize the material.

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Date	Day	Topic	Chapter
September		<b>Part I - Cells</b>	
7	W	organization/homeostasis	1
12	M	water	2
14	W	proteins	2
19	M	protein synthesis	3
21	W	cell membranes	3
26	M	membrane transport	3
28	W	<b>Exam 1</b>	
October		<b>Part II - Tissues</b>	
3	M	Tissues	4
5	W	Integument	5
10	M	<b>October Break</b>	
12	W	connective tissues, skeleton growth	6
17	M	skeletal homeostasis	6
19	W	<b>Exam 2</b>	
		<b>Part III - Bones</b>	
24	M	skull	7
26	W	vertebra & thorax	7
31	M	appendicular	7
November			
2	W	joints	8
7	M	<b>Exam 3</b>	
		<b>Part IV - Control</b>	
9	W	Endocrine	17/18
14	M	Endocrine	17/18
16	W	NS - organization & Excitable cell intro	11
21	M	Excitable cells, resting & action potentials	11
23	W	<b>Thanksgiving Break</b>	
28	M	The synapse	11
30	W	Autonomic Nervous System	16
December			
5	M	<b>Exam 4</b>	
		<b>Part V - Brain</b>	
7	W	Brain	13/14
12	M	Brain	13/14
14	W	Senses	15
		<b>Final Exam (Per. 8, MW11:45) W Dec 21 10:45 - 12:45</b>	
		<b>Final Exam (Per. 3, MW2:45) M Dec 19 1:30 - 3:30</b>	