

# BIO. 341: THE HUMAN BODY

Fall 2007

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## REQUIRED TEXT / MATERIAL:

*The Human Body: Essentials of Anatomy & Physiology*, 2<sup>nd</sup> edition, by Wingerd.  
*Biology 341 - Lecture Note Supplement / Problem Set*, by S. Garver

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You must buy 1 "Enrollment Form" ParSCORE (6" x 11", # F-288-ERI) for enrollment in this class, and to take your **first exam**. You must also buy **3 or 4** narrow ParSCORE forms (# F-289-ERI) for all other exams. They are available at the bookstore and must be used with a #2 pencil.

## To Order the Text

- The Lecture Note Supplement may be picked up through Montezuma Publishing.
- The textbook should be ordered ONLINE through University Readers - this keeps the price low for the students and provides a quick turnaround. Students order online and receive their books within 1-3 days. Students have the option of choosing either the black and white version of the text or the colored text (more money, but it is what I recommend). Both books include free digital color images and digital version of the Student Resources Manual.

Full color: ISBN# 978-1-934269-05-3, \$124.95

Black and white: ISBN# 978-1-934269-04-6, \$49.95

Go to the website: [www.universityreaders.com](http://www.universityreaders.com). Click on the "Students" link and enter your school information, and your class will come up. You will have the option of choosing either the black and white text or the color edition. You will also have the option to buy the printed version of the Student Resources Manual.

## SUGGESTED MATERIAL:

*Student Resource Manual*, by Wingerd (optional)

## COURSE OBJECTIVE:

The Human Body (Bio. 341) is an upper division, non-majors, course designed to meet the G.E. Life Science requirement. Students must be in their junior or senior year to take this course.

The class meets for 1 hour 15 minutes two times a week (9:30 am - 10:45 am on T/Th).

This course is designed to guide you through an introductory-level survey of the human body and human disease. The objectives include increasing your awareness of the structure of your body, the general function of your body, and basic clinical disease terminology and examples. Successful completion of this course will improve your understanding of the human experience in health and disease, and give you insight into current advancements in medical science. You will gain some of the intellectual tools to allow you to make enlightened and intelligent decisions about maintaining your own health or the health of your loved ones.

## **STUDENT LEARNING OUTCOME:**

Successful completion of this course will allow you to confidently identify the major organs of the eleven human body systems. It will also allow you to confidently identify the major functions of the eleven human body systems, and to confidently identify the major functions of limited body organs. You will also be able to identify a select group of major muscles, bones, and body regions. You will also be able to comfortably communicate using basic physiological, anatomical and clinical language. You will be able to apply the knowledge that you have gained over the semester toward specific clinical situations or common human diseases or disorders. The knowledge base that you gain from this course will ultimately allow you to have a greater understanding of current topics in medicine.

## **COURSE REQUIREMENTS:**

### **LECTURES**

Class meetings will be designed on the basis of a standard lecture format. You will be expected to take complete notes, although a basic format of notes is available in the class "**Lecture Note Supplement / Problem Set**" that you may purchase. Since exam questions will be selected from emphasized topics in the lecture, I urge you to attend all class meetings.

The *Problem Set* is a set of basic questions that could be asked about that day's lecture. Most *Problem Sets* will not have direct questions from the exam. They will, however, contain general questions to help you study for the exams. These Problem Sets are meant to enhance lectures, NOT replace lectures. **Make sure you stay for the *entire* lecture because last minute changes for studying for the exam are usually given at the end of the lecture!**

For optimal learning, it is best if you read and review assigned readings from the text prior to class meetings. As you do so, jot down any concepts you do not understand; questions are welcome during lectures as long as time permits and as long as they are relevant to the topic.

### **EXAMS**

There will be four (4) Unit Exams and one (1) Comprehensive Final. Each of the 5 exams (including the final) is weighted equally at 100 points. **Your course grade will be based on your four(4) BEST exam scores.** Thus, your lowest exam score will be dropped from your course total average. If you are satisfied with your grade after completion of the first four exams, you may elect **NOT** to take the final exam. School policy dictates that you must still attend class.

***There Are No Makeup Exams - Please do not ask!***

***However...***

If you miss one exam, it will become the exam you drop (even for illness). If you miss more than one exam, you will receive a ZERO for each additional exam missed. The exam schedule is flexible and may be changed at my discretion, however that is rare. Please note that it is **YOUR** responsibility to know the schedule, and to find out if, and when, exam dates have been changed from the schedule.

➤➤➤➤ **If you arrive to an exam LATE, after the first person has finished the exam and left the room, you will NOT be allowed to take the exam.** <<<<

## LAB EXPERIENCE

*Your only bonus points opportunity!!*

**YOU HAVE TWO OPTIONS – CHOOSE ONE!!**

① There will be a one-time **optional** “*Lab Experience*” opportunity that will be worth **25 bonus points**. This will allow each student to experience a lab setting for anatomy and physiology. It will include microscope use, lung machine demonstration, dissected brains, etc., as well as an OPTIONAL cadaver “tour”. The date of the “*Lab Experience*” will be listed in the “Human Body Class Schedule” received on the first day of class. Various times are offered...**PLAN AHEAD!**

➤➤ OR <<

② **WARNING** – This costs \$\$\$. You may choose to attend the “Bodies: The Exhibit” museum experience at University Town Center. This is also worth **25 bonus points**. This exhibit **ends November 11<sup>th</sup>**! If you choose to go to the exhibit, you must **SAVE YOUR TICKET** for proof of attendance. For more information, or to order tickets online, go to:  
<http://www.bodiestheexhibition.com>

### GRADING:

All Grades are posted on BLACKBOARD\* (<https://blackboard.sdsu.edu/>). Your final grade will be based on the points of your four(4) highest exam scores, AND 25 points from the “*Lab Experience*”. **A total of 400 points are possible**. The final grade scale is as follows:

(400+pts – 337.8pts)	100.00% - 84.45%	= A
(337.7pts – 329.8pts)	84.44% - 82.45%	= B+
329.7pts - 297.8pts)	82.44% - 74.45%	= B
(297.7pts – 289.8pts)	74.44% - 72.45%	= C+
(289.7pts – 257.8pts)	72.44% - 64.45%	= C
(257.7pts – 249.8pts)	64.44% - 62.45%	= D+
(249.7pts – 217.8pts)	62.44% - 54.45%	= D
(217.7pts – 0pts)	54.44% and below	is an F.

*\*Please note that blackboard DOES NOT automatically drop your lowest exam score. It will only list all the points that you have earned during the semester. I will drop your lowest exam before grades are given at the end of the semester.*

**POLICY ON CHEATING:** Cheating includes (but is not limited to):

- The **receiving** of any specific information about a specific exam or quiz prior to you taking it.
- The **giving** of any specific information about a specific exam or quiz prior to someone else taking it.
- Using any unauthorized information during an exam. *Don't look at a neighbor's exam or quiz, don't write on yourself or any part of your clothing, don't use cheat-sheets.*
- **Plagiarism**. Submitting as your own a paper or exam that was authored by another person.

**\* CHEATING WILL NOT BE TOLERATED. \***

If you are caught cheating, or I even suspect it, I will report you to the Academic Judiciary Committee. The penalty will be stiff - in the past, this has meant an “F” in the course.

# Biology 341 – The Human Body

COURSE CALENDAR FALL 2007

T/Th 9:30 - 10:45 in HH-221

<u>DATE</u>	<u>DAY</u>	<u>TOPICS</u>	<u>CHAPTER</u>
8/28	Tu	Body Organization	1
8/30	TH	Homeostasis; Nature of Disease	1
9/4	Tu	Chemical Basis of Life	2
9/6	TH	Cells	3
9/11	Tu	Tissues	4
9/13	TH	Cancer	Lec/sup
9/18	Tu	Integumentary System	6
<b>9/20</b>	<b>TH</b>	<b>◆ EXAM #1 ◆</b>	<b>◆</b>
9/25	Tu	Skeletal System	7
9/27	TH	Muscular System	8
10/2	Tu	Muscular System,	8
10/4	TH	Nervous System	9
10/9	Tu	Nervous System, Intro to Special Senses	9, 10
10/11	TH	Special Senses	10
<b>10/16</b>	<b>Tu</b>	<b>◆ EXAM #2 ◆</b>	<b>◆</b>
10/18	TH	Endocrine System	11
10/23	Tu	The Blood	12
<b>10/25</b>	<b>Thurs *</b>	<b>No Class (<i>see Friday lab</i>) 10/26</b>	
<b>10/26</b>	<b>*Friday</b>	<b>Human Body Lab (8:00 am, 9:30 am, or 11:00 am) LSN 223</b>	
10/30	Tu	Cardiovascular System I	13
11/1	TH	Cardiovascular System II	13
11/6	Tu	Lymphatic System, Immunity	14
11/8	TH	AIDS / STIs ( <i>Guest Speaker</i> )	
<b>11/13</b>	<b>Tu</b>	<b>◆ EXAM #3 ◆</b>	<b>◆</b>
11/15	TH	Respiratory System	
11/20	Tu	Digestive System	16 15
<b>11/22</b>	<b>Thurs *</b>	<b>No Class (<i>Thanksgiving Holiday</i>)</b>	
11/27	Tu	Urinary System	18
11/29	TH	Reproductive System (male)	19
12/4	Tu	Reproductive System (female)	19
<b>12/6</b>	<b>TH</b>	<b>◆ EXAM #4 ◆</b>	<b>◆</b>
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12/13	Thurs	FINAL EXAM (EXAM #5) : 10:30 am - 12:30 pm in HH-221	
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