

# BISC 206 - Anatomy and Physiology - Fall 2008

## Class Syllabus

### INSTRUCTOR: DR. DENIS GOULET

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Office Hours: Wednesday 8:30 - 10:30 AM and by appointment

### LEARNING OBJECTIVES:

To gain an understanding of the anatomical structure and physiology of the human body. This course will focus on anatomy and physiological functions of cells, the skeleton, the muscular system, the cardiac system, and the nervous system.

### TEXTBOOKS & CLICKER:

#### Must Have!!!!

1. \*Tortora & Derrickson. 2008. **Principles of Anatomy and Physiology. 12th Ed.**
2. \*Allen & Harper. 2008. **Laboratory Manual for Anatomy and Physiology. 3rd Ed.**
3. \*Goulet. 2008. BISC 206 & 207 Anatomy & Physiology Lecture Notes  
\* **These books are bundled together in one package**
4. Smith 1989. **Cut and Make a Human Skeleton**
5. **Interwrite PRS Radio Frequency Clicker**

#### Optional:

Krieger, P. A. 2005. **A Visual Analogy Guide to Human Anatomy.** Morton Publishing Company. [www.morton-pub.com](http://www.morton-pub.com) ISBN: 0-89582-659-3

### ATTENDANCE:

You are expected to attend all lectures and weekly labs. In addition, you will be held responsible for all announcements made in lecture. **I DO NOT give credit for attendance.** Exam questions will be drawn largely from lecture material but also from the textbook.

### ACADEMIC DISHONESTY/MISCONDUCT:

I will enforce a **zero-tolerance towards cheating** on any pretest, exam, quiz, or assignment. **Cheating with clickers**, such as tampering with the clicker (e.g. changing ID number, etc.), clicking from outside the testing room, using two clickers at the same time, using a different unregistered clicker, etc. **will not be tolerated.** If caught cheating, you will **automatically FAIL the course** and you will be reported to the university's Academic Discipline Committee for disciplinary actions.

### COURSE WITHDRAW:

The last day to withdraw from this class is **October 6.** If you feel that you need to withdraw from this class, please speak to me before doing so.

## EXAMINATIONS:

Bring your **CLICKER** and pencil to each exam. Details of exams will be discussed in class. **THERE WILL BE NO CURVING OF EXAM GRADES FOR ANY REASON. 5 EXAMS** are scheduled for the following dates.

**PRE TESTS:** First day of the start of a new chapter

**TEST 1:** Monday September 15

**TEST 2:** Friday October 3

**TEST 3:** Friday October 17

**TEST 4:** Monday November 10

**FINAL EXAM:** Tuesday December 9 at NOON

## EXAM MAKE UP POLICY:

**DO NOT MISS AN EXAM.** Make up exams will be given **ONLY** for illness with a physician's letter, family emergency with written documentation from the family, and University functions with written documentation from the sponsoring department.

## GRADING

PRE-TESTS	25%
TEST 1	10%
TEST 2	10%
TEST 3	10%
TEST 4	10%
FINAL EXAM	10%
<u>LAB</u>	<u>25%</u>
<b>TOTAL</b>	<b>100%</b>

## FINAL COURSE GRADE

At the end of the semester I will assign final letter grades based upon percentage scale (A = 90 - 100%, B = 80 - 89.99%, C = 70 - 79.99%, D = 60 - 69.99%, F = less than 59.99%) based upon your performance on the tests and laboratory. **I DO NOT ROUND UP TO THE NEXT LETTER GRADE. NO CURVES WILL BE APPLIED TO THE FINAL GRADE.**

## HOW TO SURVIVE AND MAKE THE MOST OUT OF THIS CLASS:

- 1) **Attend class!** Students who do not attend class do poorly on exams. If you miss a class, make sure that you copy notes from another student. Exam questions will largely come from lectures.
- 2) **Study!** Review the material given in class and read assigned sections in your textbook. Do not wait until the last moment to cram for an exam, **review the material daily.**
- 3) **Come prepared to class!** Read the material in the book before the lecture on that material. It will be a lot easier for you to follow along in a lecture if you done some reading first.
- 4) **Be attentive in class!** Listen to the lectures and take notes. Do not fall asleep, talk, or read the newspaper during lectures. Arrive to class on time! Ask questions.
- 5) **Do not get yourself into a hole!** Keep up with the material; do not be cramming at the last moment for an exam. Do not wait until the end of the semester to decide to try to pass this class.
- 6) **Stay healthy!** Get plenty of sleep and exercise.

## Lecture Schedule

Week	Date	Lecture Topics	Readings
1	Aug. 25	Greetings, Class business	Chapter 1 – <b>Pretest</b> Chapter 1
	27	Introduction to the Human Body	
	29	Introduction to the Human Body	
2	Sept. 01	<b>No Class - Labor Day Holiday</b>	Chapter 2– <b>Pretest</b> Chapter 2
	03	Chemical Level of Organization	
	05	Chemical Level of Organization	
3	Sept. 08	Chemical Level of Organization	Chapter 2 Chapter 3 – <b>Pretest</b> Chapter 3
	10	Cellular Level of Organization	
	12	Cellular Level of Organization	
4	Sept. 15	<b>TEST 1 – 10%</b>	<b>Chapters 1, 2, 3</b> Chapter 4 – <b>Pretest</b> Chapter 4
	17	Tissue Level of Organization	
	19	Tissue Level of Organization	
5	Sept. 22	Integumentary System	Chapter 5 – <b>Pretest</b> Chapter 5
	24	Integumentary System	
	26	<b>No Class - Debate</b>	
6	Sept. 29	Skeletal System: Bone Tissue	Chapter 6 – <b>Pretest</b> Chapter 6 <b>Chapters 4, 5, 6</b>
	Oct 01	Skeletal System: Bone Tissue	
	03	<b>TEST 2 – 10%</b>	
7	06	Skeletal System: Axial skeleton	Chapter 7 – <b>Pretest</b> Chapter 8 – <b>Pretest</b> Chapter 8
	08	Skeletal System: Appendicular skeleton	
	10	Skeletal System: Appendicular skeleton	
8	Oct. 13	Joints	Chapter 9 – <b>Pretest</b> Chapter 9 <b>Chapters 7, 8, 9</b>
	15	Joints	
	17	<b>TEST 3 – 10%</b>	
9	Oct. 20	Muscle Tissue	Chapter 10 – <b>Pretest</b> Chapter 10 Chapter 10
	22	Muscle Tissue	
	24	Muscle Tissue	
10	Oct. 27	Muscular System	Chapter 11 – <b>Pretest</b> Chapter 11 Chapter 12 – <b>Pretest</b>
	29	Muscular System	
	31	Nervous Tissue	
11	Nov. 03	Nervous Tissue	Chapter 12 Chapter 12 Chapter 12
	05	Nervous Tissue	
	07	Nervous Tissue	
12	Nov. 10	<b>TEST 4 – 10%</b>	<b>Chapters 10, 11, 12</b> Chapter 13 – <b>Pretest</b> Chapter 13
	12	Spinal Cord & Spinal Nerves	
	14	Spinal Cord & Spinal Nerves	
13	Nov. 17	Brain & Cranial Nerves	Chapter 14 – <b>Pretest</b> Chapter 14 Chapter 14
	19	Brain & Cranial Nerves	
	21	Brain & Cranial Nerves	
14	Nov. 24	<b>No Class - Thanksgiving</b>	
	26	<b>No Class - Thanksgiving</b>	
	28	<b>No Class - Thanksgiving</b>	
15	Dec. 01	Autonomic Nervous System	Chapter 15 – <b>Pretest</b> Chapter 15 Chapter 15
	03	Autonomic Nervous System	
	05	Autonomic Nervous System	
16	<b>Dec 09</b>	<b>Final Exam at 12:00 NOON – 10%</b>	<b>Chapters 13, 14, 15</b>