

Bio 202: Human Anatomy and Physiology II Spring 2009

Teacher James De La Rosa

M W

1:00 to 3:40

Room E7- 708

Updated version 2

Prerequisite: BIO 201

Office Hours: My office is in the 0-2 building in room 213. My office hours are 9-10am Tuesday & Thursday, and 1-2pm Monday & Wednesday. My phone # is 206-7670, and my email address is jdelarosa@pima.edu

Textbook: Human Anatomy and Physiology by Marieb & Hoehn (7th edition)
Lab Manual

Exams: There will be **4 Exams**. There will be no opportunity to make-up an exam unless the instructor notified in advance, and the reason is valid and verifiable. There will also be **3 Lab Quizzes**.

Extra Credit: There will be no extra credit assignments for this course.

Attendance: Class attendance is mandatory. Students who miss the first three classes without notifying the instructor in advance will be dropped from the roster. Students will have 5 points deducted from their total points for each lab missed.

Withdrawal: The absolute last day to withdraw from the class is **April 9th**. (The last day to drop and obtain a refund in February 2nd.) If a student fails to attend class, or fails to withdraw herself/himself from the course, the student will be issued the grade earned based on the number of points the student has accumulated and the total number of possible points for the course.

Incompletes: An incomplete will only be given if a student has completed ten weeks of this course, has a "C" or better grade, has a valid and verifiable excuse for not being able to finish the course, and has requested an "incomplete".

Ethics: Breaches in scholastic ethics, such as cheating on an exam, will be dealt with severely. Students caught cheating, or **attempting to cheat**, on an exam will have a "zero" recorded for that exam.

Incompletes: An incomplete will not be issued unless the student has a valid and verifiable excuse and has completed 10 weeks of the course with a grade of C or better.

Labs A student who has missed 3 or more labs will be given an incomplete, and must finish the labs to get a grade.

Other: Cell phones must be on silent mode; and any emergency phone call must be taken outside the classroom. **NO TEXTING DURING LECTURE.**

NO WEB SURFING OR ANYTHING OTHER THAN TAKING LECTURE NOTES ON LAPTOPS DURING LECTURE.

BIO 202 Lecture Syllabus

<u>WEEK</u>	<u>LECTURE TOPIC</u>	<u>LABS</u> (Lab Manual Exercise)
1-20	Cardiovascular System.....	Anatomy of Blood Vessels (32), Cardio Dynamics (33B), & Blood Histology
	(Monday January 21st, Martin Luther King, jr Holiday)	
1-26	Cardiovascular System	Heart Anatomy (30) [Including handout] Doppler Demo Blood & Cardio Histology
2-02	Cardiovascular System	Pulse Oximetry Lab (Hamdout) Blood Analysis (29B) & Cardio Dynamics 33B
2-9	Cardiovascular System.....	Heart Conduction system <i>BioPac</i> (31)
2-16	Exam Review	LECTURE EXAM 1 Cardiovascular System, Wednesday
2-23	LAB QUIZ #1 & Respiratory System (February 26/27 Rodeo Holiday)	
3-02	Respiratory & Urinary System	Respiratory System Anatomy (36) Urinary System Anatomy (40)
3-09	Urinary System	Renal Physiology (41B) Water, Electrolyte, Acid-base balance
3-16SPRING BREAK (3-16 to 3-22)	
3-23	exam review.....	Respiratory System Physiology (37A) LECTURE EXAM #2, Wednesday March 25
3-30	Chemical Digestion & Digestive System	Digestive System Anatomy (38)
4-06	Metabolism	To be determined
4-13	Lymphatic & Immune System	Acid Base Balance (47) Exam review & LAB QUIZ #2, Wednesday
4-20	EXAM #3, Monday April 20	
4-27	Reproductive System.....	Reproductive System Anatomy (42) & Histology Reproductive System..... Reproductive System Anatomy (42) & Histology
5-04	Endocrine System	Endocrine Physiology (28B) Endocrine System Histology
5-11	Monday Review	LECTURE EXAM #4 & LAB QUIZ #3
	Wednesday May 13th	

This lecture schedule is subject to change upon instructor discretion.

1. Exams

There will be 4 exams given in class. The questions will come from lecture, lab, films, and reading assignments. These examinations will include the following: fill in the blanks, true or false, multiple choice, anatomy identification, and short answer. Each exam is worth 100 points.

2.0 Laboratory Quizzes

2.1 There will be 3 Laboratory quizzes worth 50 points each.

3.0 Laboratories

3.1 All LAB REVIEW SHEETS from the lab and any other lab reports are to be turned in on May 13th immediately before the lecture exam and is worth 20 points.

3.2 There will be no opportunity to make-up labs.

3.3 The material listed in item 3.1 will only be accepted if the student is present and participates in the entire laboratory.

3.4 **There will be no opportunities to make-up the laboratories.**

4.0 Miscellaneous Assignments

5.1 There will be in class assignments and outside class assignment.

→ These will vary from small presentations to critical thinking assignments

5.0 Points and Grades

POINTS

Exams 1100

Exam 2100

Exam 3.....100

Exam 4.....100

Lab Quiz #1.....50

Lab Quiz #2.....50

Lab Quiz #3.....50

Miscellaneous

In Class Assignmentsvariable

Laboratory Materials 20

The final grade will be based on the percentage of total points earned.

92% to 100%	= A (SUPERIOR)
80% to 89%	= B (Above Average)
70% to 79%	= C (average))
60% to 69%	= D (below average)
< 60%	= F (failure)

Course Objectives:

Upon completion of this course, the student will be able to do the following:

1. Perform activities to demonstrate improvement in the general education goals of communication and critical thinking.
2. Identify the structures of the endocrine system and describe their functions.
3. Identify components of the cardiovascular system including blood and describe their functions.
4. Identify the structures of the lymphatic and immune systems and describe their functions.
5. Identify the structures of the respiratory system and describe their functions.
6. Identify the organs and accessory organs of the digestive system and describe their functions related to digestion and/or absorption.
7. Discuss components of nutrition as they relate to metabolic homeostasis, and describe the processes related to metabolic homeostasis.
8. Discuss energy balance and thermoregulation.
9. Identify the structures of the urinary system, and describe their functions.
10. Discuss fluid, electrolyte and acid/base balance.
11. Identify the structures of the reproductive system, and describe their functions.
12. Describe the formation of the embryonic germ layers, and the fates of each layer with respect to development of the endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary and reproductive systems.
13. Discuss selected homeostatic imbalances (diseases) and their effects on the systems mentioned above.

I have read the terms of the syllabus for the following course:

Jdelarosa BIO202IN CRN 21316 SP09 **Bio 202: Human Anatomy and Physiology II**

Spring 2009 *Teacher James De La Rosa* M W 1:00 to 3:40

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Printed Name _____

Signature_____

Date_____

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