

~ 1 ~

**PRINCE GEORGE'S COMMUNITY COLLEGE
LAUREL COMMUNITY COLLEGE**

Welcome to Human Anatomy & Physiology II !

BIO 206- XD04

Reference #

Summer -II 2012

General Information

Instructor: Danil Hammoudi.MD

Dept. phone: 301-322-0420 for PG, 410-772-4162 Laurel

E-mail: sinoemedical@comcast.net /hammoudx@pgcc.edu

Web sites: <http://sinoemedicalassociation.org/AP2/>
<http://sinoemedicalassociation.org/AP4/>

<http://academic.pgcc.edu/AandP>
<http://www.laurelcollegecenter.org/index.html>
<http://www.howardcc.edu/>

BIO-2060-XD04 Human Anatomy & Physiology II

07/09/2012-08/10/2012 Lecture Monday, Tuesday, Wednesday, Thursday 12:30PM - 02:30PM, Laurel College Center, Room TBA

07/09/2012-08/10/2012 Laboratory Monday, Tuesday, Wednesday, Thursday 02:45PM - 04:45PM, Laurel College Center, Room TBA

07/09/12 08/10/12

TUTORING : T-WED-TH 11:30 -12:30 : ALL STUDENT THAT NEED TUTORING IN GROUP OR INDIVIDUAL NEED TO REGISTER WITH THE FRONT DESK.

Office hours: TO BE DISCLOSED.

All information on the courses , lecture , lab , exercises and other are posted on the web site, so no excuses are allowed.

Printing lecture lab:

If you need to print the lecture or lab at Laurel, you will need to contact a member of the technical support on the 4th floor :

Manzoor Hossain, Systems Engineer I
mhossain@pgcc.edu
410-772-4168

Jason Brynarsky, PC Analyst
BrynarJM@pgcc.edu
410-772-4168

Patrick Awoyemi, PC Technician
bola0417@hotmail.com
410-772-4168

Your copies will be available in less than 24h, this measure has been taking to avoid any waste of paper and waiting for the printer.

Weekly Class Schedule

Make sure that you know when and where you are supposed to be in class.

Course Description

Human A&P II is a study of the structures and functions of the human body with emphasis on the blood, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.

- **Successful completion of BIO 205 is a prerequisite for BIO 206!** If you earned a grade of C or higher in 205, then you should be ready for 206. If you did not, then you should reconsider taking BIO 206. There is plenty of information to know and to understand so be ready for the challenge as you were for 205. Never give up, never surrender, failure is not an option in my classes.
- Study everyday at least 2h, and summer time more, go over material at least 5 times, any question you can email me or ask question during class or in the tutoring session that has been very very helpful and popular.

Course Learning Outcomes

Upon successful completion of this course, I expect you will be able to do the following:

1. Demonstrate understanding of the complementarity between structure and function that exists within each body system explored during this course.
2. Illustrate understanding of homeostasis as it applies to each of the body systems studied during this course
3. Summarize knowledge of the hierarchal nature of the anatomical organization of the human body systems studied in this course.
4. Know, understand, and apply to each body system studied in this course the critical information as delineated in the Instructional Course Objectives.
5. Illustrate understanding of the mechanisms by which cells receive nourishment and rid themselves of wastes through exchanges between the extracellular and intracellular

compartments.

6. Describe via dissection the circulatory pathways among the organs.

Textbooks

- Marieb, E.N. 2009. Human Anatomy & Physiology. 9TH ed. Pearson Benjamin Cummings.
- Imholtz, A. 2006. Anatomy & Physiology II Laboratory Manual. [revised]

Both books should be available in the College Bookstore.

Grading Policy

Your grade will be determined by your performance on the following assignments:

Four lecture exams	100 points each	-400
Four laboratory exams	100 points each	=400
Total points	800 points =	100%

Final letter grades will be assigned according to the following scale:

A	90-100%[NOT IMPOSSIBLE]
B	80-89%
C	70-79% points
D	60-69% points
F	60%

I WILL NOT give any quiz BUT WILL ASK THOUSANDS OF QUESTIONS, NEED TO KNOW YOUR MATERIAL.

Essays, and group presentation will be allow to you for each section. The grading will count as a credit if point missing on your tests. but essay and presentation are not mandatory.

An oral exam will be given for those close to the passing C score [58 TO 59%]. A total of 10 question on all the program will be asked, I do not expect you to think but to answer with the second following the question.

The four lecture exams will be given after each section in the classroom where lecture are hold If you cannot make it make sure to let me known in advanced unless emergency, which I will need the documentation.

Make sure to be on time for your exams either lab or lecture, door will be closed after the time set, and no exam will be given as a make up exam. So plan a head during these periods.

I will announce specific dates for each lecture exam as I cover the material for each exam. Approximate time frames can be discerned from the "Lecture and Exam Schedule," which appears on the last page of this syllabus.

Attendance Policy

I expect students to attend all class meetings. **I will keep a record of attendance during all labs.** If your grade at the end of the semester is within a few points of a higher letter grade, then your attendance record will be given serious consideration when I decide whether to assign a higher grade.

Do, not leave the lab when done without telling me, your instructor.

If for any reason you cannot come, let me know by email or by one of the student of your group.

Classroom Etiquette

I expect you to be on-time for all class meetings and to remain in class until I dismiss the class. The door will be closed after the starting lab, unless specified [traffic, school kids, and similar circumstances]

If you must enter or exit the classroom while class is in session, then please do so discretely.

Pagers and cell phones should be turned off during class! If not you will be dismissed from the class.

Disability Support Services

Students requesting academic accommodations are required to contact the Disability Support Services Office (B-124) or call (301) 322-0838 (voice) or (301) 322-0122 (TTY) to establish eligibility for services and accommodations, for Laurel students see with Laurel administration. Students with documented disabilities should discuss the matter privately with their instructors at the beginning of the semester and provide a copy of their Student/Faculty Accommodation Form.

Code of Conduct

The Prince George's Community College Code of Conduct defines the rights and responsibilities of students and establishes a system of procedures for dealing with students charged with violations of the code and other rules and regulations of the college. A student enrolling in the college assumes an obligation to conduct himself/herself in a manner compatible with the college's function as an educational institution. Refer to the 2008-2009 Student Handbook, beginning on page 43, for a complete explanation of the code of conduct, including the Code of Academic Integrity and the procedure for dealing with disruptive student behavior.

Code of Academic Integrity

The college is an institution of higher learning that holds academic integrity as its highest principle. In the pursuit of knowledge, the college community expects that all students, faculty, and staff will share responsibility for adhering to the values of honesty and unquestionable integrity. To support a community committed to academic achievement and scholarship, the Code of Academic Integrity advances the principle of honest representation in the work that is produced by students seeking to engage fully in the learning process. The complete text of the Code of Academic Integrity is in the 2007-2008 Student Handbook (pages 44-47) and posted on the college's website.

College Resources and Services

Student Assessment Services Center (Testing Center)

Bladen Wing, Room 100 301-322-0090
www.pg.cc.md.us/pgweb/pgdocs/student_services/student_assessment_services.htm
Check the web site for hours, policies, and procedures.

Tutoring Center

I will be tutoring for two hours a week unless increased by the administration students of 205 -206, so please refer to the secretary for Laurel students.

For PG:
Bladen Wing, Room 107 301-322-0748
www.pgcc.edu/students/tutoring_writing_grammar If you have the feeling that something is missing from your studies, the **Tutoring Center** can help you put the pieces of the puzzle together with free one-on-one or group tutoring.

Library

Lanham Hall, Room 112 301-322-0476
www.pgcc.edu/library The Learning Resources Division provides a range of library and media services.

Refer to the web site for hours and more information about the services.

Final Exam

A portion of the required final exam in this course will be comprehensive. The comprehensive portion will account for at least 30% of the points, and the remainder of the points will be based on the last unit covered in the class. The comprehensive questions will assess your knowledge of the material you should have learned throughout the semester. The goals of the comprehensive portion of the exam are to encourage you to (1) review information you learned throughout the semester, and (2) think critically about relationships between concepts you learned throughout the semester.

I will provide you with more information about the final exam, including dates and times, as the semester comes to a close.

Delayed College Openings

When the college announces a delayed opening, all classes with at least 45 minutes of class time remaining at the time of opening will be held. For example, in the event of a 10 AM opening, a 9:30-10:45 AM class will be held. This procedure applies to all credit classes.

Laboratory

Information pertaining specifically to the laboratory will be distributed in the laboratory.

Lecture and Exam Schedule

Material covered in the lectures will generally follow the organization of your textbook.

However, I will be adding some of my own material and skipping certain sections of the text.

Pay attention to what I cover in class and the notes that I post on the Internet [my website].

after each lecture will announce the next lecture.

Chapter numbers from your text (Marieb, 2009) are given in parentheses.

Week	Blood (17)
Week	Blood (17)
Week	The Immune System (21)
<i>Week</i>	<i>Exam I: Chapters 17 and 18 LECTURE LAB : BLOOD-HEART ANATOMY</i>
Week	The Cardiovascular System: The Heart (18)
Week	The Cardiovascular System: The Heart (18)
Week	The Cardiovascular System: Blood Vessels (19)
Week	The Cardiovascular System: Blood Vessels (19)
Week	The Lymphatic System (20),
<i>Week</i>	<i>Exam II: Chapters 18- 19, 20, LAB : CV-EKG</i>
Week	The Respiratory System (22)
Week	The Respiratory System (22)

~ 7 ~

Week	The Respiratory System (22)
Week	The Digestive System (23)
<i>Week</i>	<i>Exam III: Chapter 22-23 LAB RESP-DIGES</i>
Week	Adrenal Gland - PH -The Urinary System (25)
Week	The Urinary System (25)
Week	The Reproductive System (27)
Week	The Reproductive System (27)
<i>Week</i>	<i>Exam IV: Chapters 23 and 25</i>

Final Exams

BIOLOGY 2060		LAB EXERCISES	2010
		LARGO, UTC & LAUREL	
LAB NO.	EXERCISES		
1	<i>Exercise 1: Microscopic Analysis of Blood</i>		
2	<i>Exercise 2: Selected Blood Tests</i>		
3	<i>Exercise 3: Gross and Microscopic Anatomy of the Human Heart</i>		
4	<i>Exercise 4: Dissection of the Sheep Heart*</i>		
5	Review for Laboratory Practical 1		
6	Laboratory Practical 1		
7	<i>Exercise 5: Electrocardiogram</i>		
8	<i>Exercise 6: Quantitative Analysis of Cardiovascular Function**</i>		
9	<i>Exercise 7: Introduction to Vascular Anatomy</i>		
10	<i>Exercise 8: Dissection of the Cat*</i>		
11	<i>Exercise 8 Continued*</i>		
12	<i>Exercise 8 Continued*</i>		
13	<i>Exercise 8 Continued*</i>		
14	Review for Laboratory Practical 2		
15	Laboratory Practical 2		
16	<i>Exercise 9: Gross and Microscopic Anatomy of the Respiratory System</i>		
17	<i>Exercise 10: Respiratory Physiology</i>		
18	<i>Exercise 11: Gross Anatomy of the Digestive System</i>		
19	<i>Exercise 12: Microscopic Anatomy of the Digestive System</i>		
20	<i>Exercise 13: Enzyme Analysis</i>		
21	Review for Laboratory Practical 3		
22	Laboratory Practical 3		
23	<i>Exercise 14: Gross and Microscopic Anatomy of the Urinary System</i>		
24	<i>Exercise 15: Acid-Base Balance**</i>		
25	<i>Exercise 16: Gross Anatomy of the Reproductive System</i>		
26	<i>Exercise 17: Microscopic Anatomy of the Reproductive System</i>		
27	Review for Laboratory Practical 4		
28	Laboratory Practical 4 (During Final Exam Week) TO BE DISCLOSED		

