

FLORIDA INTERNATIONAL UNIVERSITY
Department of Biological Sciences
PCB 2099---FOUNDATIONS OF HUMAN PHYSIOLOGY (FALL 2016)

Lectures/Exams: W (7:50-10:30 pm) Room AHC3 110 and online Mediasite videos

Course description:

This is a one semester survey lecture course in basic human physiology primarily for pre-health sciences tracks and non-majors fulfilling natural science UCC requirements.

Required text:

Marieb, E.N., Katja, H. *Anatomy & Physiology-5th Ed.*
Pearson/Benjamin Cummings

Instructor :

Ferdinand Gomez

Office/Contact Information:

AHCII 155
(305)348-6176
e-mail: gomezf@fiu.edu

Grading policy :

There will be four multiple-choice exams administered this semester, of which *all* scores will be calculated for the final grade. The grading scale is as follows: **A=100-90, B=89-80, C=79-70, D=69-60, F=59-0.** **Deadline to withdraw from the course with « DR » grade is 10/31/16. There will be no make-up exams (missed exams will result in a zero score) administered unless circumstances beyond the student's control arise and are IMMEDIATELY accompanied by the appropriate documentation:**

1) Death in immediate family member requires official bereavement statement.

2) Student/immediate family member with acute/terminal illness requires official hospital/clinic notification. Pre-scheduled visits do not apply here..

3) Traffic accident requires official accident report.

4) Jury duty requires official county clerk summons.

The aforementioned will be taken into consideration or, if applicable, allow students to request an «Incomplete » grade. Candidates for grades of « Incomplete » include those students that have completed 60% of the course work satisfactorily

(C grade or higher) and cannot justifiably finish the course (pre-planned vacation/business trips do not constitute a serious interruption).

PLTL:

PCB 2099 students have the option of participating in the Peer-Led Team Learning (PLTL) sessions. Registered students will have weekly meetings with a PLTL leader along with a small group of students. The PLTL leader's role as facilitator will guide students through assigned activities that can *only* enhance comprehension of basic human physiology. If you decide to fully participate in PLTL, your PLTL accrued points will be converted to a (maximum attainable) 100 points and averaged into your **lowest exam score only** (ie. lowest exam score + 100 PLTL points/2=adjusted lowest exam score). All students are encouraged to utilize the PLTL resources to the utmost; however, students opting not to fully participate in PLTL will not accrue any semester points (lowest scores are not dropped in this course).

If any of the preceding information elicits a conflict of interest, you are strongly urged to DROP the course.

Cheating policy : Cheating (ie. possession of electronic devices [i-phones/watches], crib sheets/notes, glaring at another's paper) during any of the administered exams is a direct violation of FIU's student conduct code and will not be tolerated in this course. The instructor will be proctoring exams diligently; violators will either receive a failing semester grade or be

subjected to university administrative action, ALL this can procure without warning.

Tips on the successful completion of this course:

1. **Attendance is mandatory! Poor attendance culminates in poor grades!**
2. Make major emphasis on careful note-taking, transcribing, and pre-reading skills.
3. In the case of missed lecture days or impending absences, students are **responsible** for **obtaining downloaded lecture notes** and **in-class announcement** information from fellow classmates (**do not summon-e-mail** the instructor for this).
4. All electronic communication equipment should be silenced (ie. I-phones), so as to not encumber the learning and thinking process of others. Photographing/image capturing of lecture sessions is not allowed.
5. Disruptive behavior during lectures/exams is deemed inappropriate and will not be tolerated.

Mediasite Online Instructional Videos

A portion of the course content will be delivered via pre-recorded online videos courtesy of FIU's Division of Technology Mediasite. Below is a tutorial on how to access the video sessions. The videos can be viewed at the FIU student computer labs, PCs, tablets, etc; however, please make sure that you have the appropriate media support if you are utilizing off-campus devices (see info. below) in order to ensure smooth streaming. It is HIGHLY recommended that all view the sessions early in the week (ie. during your scheduled lecture session) just in case you encounter technical difficulties that can be rectified by the Mediasite associates (mediasiteadmins@fiu.edu) accordingly, in lieu of encountering problems during the weekend when their availability is limited (do not wait until exam day to view the sessions). Please be advised, any technical difficulties regarding video access, viewing, downloading, etc. DO NOT e-mail the instructor, please address all inquiries to **mediasiteadmins@fiu.edu**. The associates at Mediasite will be more than happy to work with all students and resolve any and all issues. Safety tip: Do not view session while lying in bed, you may doze off and drop your device!

How to access videos:

1. Click desired link.
2. A mostly blank page will open up with a button titled "authenticate".
3. Click "Authenticate".
4. A website containing the FIU logo should pop up asking for your FIU credentials. The user name and password they require is the same as your FIU user name and password used to access the my.fiu.edu account.
5. Log in and take notes!

Also, please read the following useful information courtesy of the Mediasite associates:

1. When students log in to Mediasite, they must use their username (e.g., gomezf) and NOT their PantherID. The password is their MyFIU password.
2. Any technical issues can be sent to mediasiteadmins@fiu.edu
3. To see if the student's computer meets the viewing requirements for Mediasite, they can visit this link:
<https://support.sonicfoundry.com/Training/ViewingRequirements>
4. Requirements for viewing a Mediasite Presentation can be found here:
<https://support.sonicfoundry.com/Knowledge/Article/000003279>
5. It is highly recommended to use Firefox and disable "pop-up blockers".

**** Please be advised that the course syllabus schedule of events is subject to change at the instructor's discretion !***

Best of luck to all and have a pleasant semester ! 😊

PCB 2099 Lecture Schedule

Dates:

Aug. 31 In-class session: Course intro. review; Physiology Orientation and Basic Chemistry

Sept.7 In-class session: Physiology Orientation and Basic Chemistry (cont'd)

- Sept.14** ***Exam I (Physiology orientation-basic chemistry)***
- Sept.21 Online video: Cells and Tissues
- Sept.28 Online video: Cells & Tissues (cont'd); Bone & Muscle
function
- Oct.5** ***Exam II (Cells & tissues; bone & muscle function)***
- Oct.12 Online video: Endocrine function
- Oct.19 Online video: Cardiovascular function
- Oct.26** ***Exam III (Endocrine & cardiovascular function)***
- Nov.2 In class session: Digestive system and basic nutrition
- Nov.9 In class session: Digestive system and basic nutrition
(cont'd)
- Nov. 16 In class session: Urogenital function
- Nov. 23** ***Thanksgiving holiday/Review & transcribe notes***
- Nov. 30** ***Exam IV (Digestive function& basic nutrition;
urogenital function)***