INTRODUCTION to HUMAN PHYSIOLOGY 1

Syllabus and Class schedule - sections #0407 ; 0408

Los Angeles Mission College Fall 2013

hours lecture - 10:35am – 12:00pm Tuesday and Thursday
lab - 12:10pm – 3:20pm Tuesday (#0407) or Thursday (#0408)
August 25 - Dec 15, 2013

instructor Dr. Gary Covitt
email covittgs@lamission.edu
office hours: 10:00 – 10:30am ; 3:20 - 4:00pm Tuesdays and Thursdays CMS104

texts : Human Anatomy & Physiology, Marieb , 9th ed required
The Pearson Custom Library - Physiology 1 - Los Angeles Mission College required

prerequisites: Anatomy 1 and Biology 3 with a grade of C or better
advisory: English 28 or ESL8 and Chem 51 or 65 or 101
supplies : 4 scantrons (form 882-E)

class description :
Physiology 1 is an intensive lecture and laboratory course that focuses on the functions of the tissues and organs of the human body and the relationship to their structure. Lectures, laboratory exercises, and individual studies allow the student to learn the fundamental concepts of homeostasis, membrane transport, cell communications, and the functions of muscle, nervous, circulatory, respiratory, digestive, endocrine, urinary, and reproductive systems. Topics will also be taken from clinical applications.

STUDENT LEARNING OUTCOMES
Upon completion of this course, Physiology 1 students will explain and describe a fundamental homeostatic process of the human body and how they are controlled by the endocrine and nervous systems.

important dates :
It is the student's responsibility to be aware of all college dates and policies.
Check with the Admissions Office to confirm these dates.

deadline to drop WITHOUT "W"	Sept 8, 2013
deadline to drop WITH "W"	Nov 17, 2013

If you need to withdraw from the course, you must contact the Admissions & Records Office.
Not attending class does not constitute withdrawal from the course. I will not do this for you.
Failure to formally withdraw will result in a grade of F.

final exams Dec 9-15, 2013

grading :

approximate points:	3 lecture exams	300 pts (100 pts each)
	quizzes	160 pts
	1 final exam	150 pts
	lab assignments / quiz	~ 70
	total	~ 680 pts

A	≥	90 %
B	≥	80 %
C	≥	70 %
D	≥	60 %
F	<	60 %

Note: your grade will also be affected by attendance, tardiness, cleanup, and assorted rules – as noted below:

My lecture notes are available to you at **https://myetudes.org/portal** see attached instructions
and on the Mission College web site **www.lamission.edu/~covittgs**
Please print and bring these to each lecture. Follow the syllabus to see which chapter you will need on each day. These notes are not complete. You will need to add to these with information given in my lectures.

There will be about 12 **lab assignments/quiz**. These are worth about 6 points each. They may be due at the end of each lab session or the beginning of the next, as instructed. You must be present for the lab exercise to get credit. No partial credit. No late credit.

Test and Quizzes will cover all material presented during lecture, laboratory, homework, and in the text. Questions will be multiple choice, fill-in, short answer, and brief essay. There will be no restroom breaks allowed during tests. Leaving the classroom or the use of cell phone or other electronic devices during tests will result in a score of 0.

Missed exams will receive a score of 0. A make-up exam may be allowed with written proof of "dire" circumstances. Make-up exams may be given at the time of the final or by other arrangement convenient to the instructor. There is no make-up for final exams. Arrangements for official religious holidays must be made with the instructor during the first week of the semester.

Attendance is vital to mastering the concepts of this course. If you miss a class, it is your responsibility to get the information from your classmates. Excessive absences, tardiness, leaving early will lower your final grade.

Cheating will result in a score of 0 on the test and will be reported to the Vice President of Instruction.
This includes copying or observing other student's answers, allowing others to copy your work, using unauthorized materials during a test, obtaining test materials from prior semesters (either written or verbal).
See the attached **Code of Honor and Integrity.**
District Academic Dishonesty Policy *9803.28 Violations of Academic Integrity include, but are not limited to, the following actions: cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one's identity for the purpose of enhancing one's grade.*

assorted rules: (breaking these rules will result in a lower final letter grade)
No food or drinks are allowed in the classroom or laboratory at any time. This is a state law.
No cell phones, computers, notepads, etc may be on or used during class, lecture, or lab.
Audio recorders, camera, or other electronic devices may not be used without the consent of the instructor.
Video recording in the classroom is not allowed at any time.
Clean-up during and at the end of each lab session is a requirement, and will affect your final letter grade.

How to pass this class
It is expected that you will devote about 12 – 15 hours of home study each week.
It is always expected that you have learned the material covered through the last class session, by the time the next class starts. Do not fall behind. I am available to help you before class, during breaks, and via email.

Anatomy:
Students must review the anatomy of each organ system on their own before we begin each physiology chapter.

The instructor reserves the right to change the course schedule at his discretion to better meet the demands of time and the course objectives. I will notify you of any changes in advance, if they occur.

Physiology course schedule **Mission College** **Fall 2013**

dates	lecture topics :		lab exercise : *(PX = PhysioEx)*
8/27	introduction, homeostasis	Ch 1	lab intro ; lecture cells – Ch3
8/29	chemistry	Ch 2,24	"
9/3	chem; membrane transport	Ch 3a	scientific methods ; homeostasis
9/5	membrane transport	Ch 3a	"
9/10	**Quiz 1** ; endocrine	Ch 16-1,2	transports (PX)
9/12	endocrine – part 2	Ch 16-2	"
9/17	reproductive	Ch 27	endocrine (PX)
9/19	development	Ch 28	"
9/24	**TEST** (Ch 1,2,3,16,27,28)		lecture - CNS Ch12 ; lab - EEG
9/26	nerve physiology	Ch 11a	"
10/1	synapse, neurotransmitters	Ch 11b	nerve physiology (PX) ; reflexes
10/3	integration and reflexes	Ch 11c,13	"
	sensory physiology	Ch15	
10/8	**Quiz 2;** hearing, equilibrium	Ch15b	vision; hearing
10/10	vision	Ch15a	"
10/15	autonomic nervous system	Ch 14	lecture- Ch9 ; lab - muscle
10/17	muscle	Ch 9	"
10/22	**TEST** (Ch 11,12,13,14,15,9)		ECG ; cardiac physiology (PX)
10/24	cardiac	Ch 18	"
10/29	cardiac ; circulatory	Ch 18, 19	BP, heart sounds , cardiovascular dynamics
10/31	circulatory	Ch 19	"
11/5	**Quiz 3** blood	Ch 17	blood (PX)
11/7	immune system	Ch 21	"
11/12	respiratory system	Ch 22	respiratory ; serology
11/14	digestive system	Ch 23	"
11/19	**TEST** (Ch 17,18,19,21,22)		lecture- Ch23 ; lab - digestive enzymes
11/21	metabolism	Ch 24	"
11/26	urinary system	Ch 25	?????
11/28	***no class***		
12/3	**Quiz 4;** fluid, electrolyte, acid-base	Ch 26	urinary (PX)
12/5	finish Ch26; review		"
12/12	**FINAL EXAM 10:00 – 12:00**		

Code of Honor and Integrity
Los Angeles Mission College
Department of Life Sciences

Students at Los Angeles Mission College, because they are members of an academic community dedicated to the achievement of excellence and the pursuit of honor, are expected to meet high standards of personal, ethical, and moral conduct. These standards require personal integrity and a commitment to honesty without compromise. Without the ability to trust in these principles, an academic community and a civil society cannot exist. Los Angeles Mission College students and faculty are as committed to the development of students with honesty and integrity as they are to the academic and professional success of its students.

The **Code of Honor and Integrity** is an undertaking of the students, first and foremost, both individually and collectively, that they will:

1. not give or receive dishonorable aid during exams, quizzes or assignments

2. do their share and take an active part in seeing to it that fellow students, as well as themselves, uphold the spirit and letter of the Code of Honor and Integrity.

Some examples of conduct that are regarded as being in violation of the Honor Code include:

- Copying from another's examination or quiz, or allowing another to copy from one's own papers
- Using any unpermitted source of information, human or other, during an exam, quiz or assignment that influences the grade; this includes the use of technological devices
- Any student-to-student collaboration that is unpermitted
- Plagiarism (plagiarism is defined as the use, without giving reasonable and appropriate credit to, or acknowledging the author or source, of another person's original work)
- Representing as one's own work as the work of another
- Giving or receiving aid on an academic assignment under circumstances in which a reasonable person should have known that such aid is not permitted

As a part of the effort to promote an environment of honesty and integrity during quizzes and examinations, the following guidelines will apply for any courses in the Department of Life Sciences:

1. Students will leave all books and all other non-essential items (e.g. paper, electronic devices) on the floor so that they are not useable nor block the sight line between professor and student. No electronic devices will be in reach.

2. Students will not communicate in any way that will dishonorably assist themselves or another student.

3. Students will leave the room during an exam only if permitted by the professor's policy. If permitted, only one student may leave the room at any time and be gone for only the average length of time needed for the stated purpose. Students will leave all purses, bags, books, phones, jackets, etc., in the classroom during the absence.

4. Students will promote the spirit and letter of the **Code of Honor and Integrity** by dissuading fellow students from dishonest activity and, when such casual persuasion does not work, informing the professor of the possible dishonest activity, either anonymously, or otherwise.

5. Students will make every effort to avoid even the appearance of dishonesty or lack of integrity

Violation of this policy will not be tolerated and violators will be subject to severe penalties. The success of the **Code of Honor and Integrity** is based upon the collective desire of students, faculty and the community to live in an environment that embraces respect for that which is right – both in the college and in society as a whole.

There are several learning aids that I have prepared for you.
These are available on our online program, called Etudes .

My class materials, and any recordings or photos made in the class are for your use only and may not be shared with anyone not enrolled in this class - not printed, not online, or in any other format.

INSTRUCTIONS FOR USING ETUDES

https://myetudes.org/portal

(for tutorials http://etudes.pbworks.com
for more help http://www.lamission.edu/online)

1. login -

user ID	student ID#	eg. 881234567	(no dashes or spaces)
password	birth month / day	eg. 1201	

2. You will see your courses that will be using Etudes.

3. Click on this course : **LAMC PHY 001 GCOVI F13**

4. Click on **Modules** in the left column.

5. Click on **Lecture notes** – click on the **chapter** that you want to view.
   Print these notes and bring them to class.

6. **Physiology Drawings** - these are drawings that I have made and use in lecture in an attempt to clarify the concepts we are studying.

7. Other Files

8. Syllabus

www.lamission.edu/~covittgs
This is my home page on the Mission College web site.
Here you will find Lecture notes for the first few chapters. Click on the chapter you want.
Print these and bring them to lecture. The remaining chapters will only be found on Etudes.

COLLEGE RESOURCES FOR LAMC STUDENTS

Admissions and Records: Students can register for classes, request transcripts, file petitions for graduation, and drop classes at this office. For more information call 818-833-3322 or visit: http://www.lamission.edu/admissions/

Assessment Center: Offers student assessments in English, English-as-a-Second-Language (ESL) and Mathematics. Please contact the Assessment Center at (818) 364-7613 for more information or visit http://www.lamission.edu/assessment/

Bookstore: For hours of operation, book availability, buybacks, and other information call 818-364-7767 or 7768 or visit http://eagleslanding.lamission.edu/default.asp

Counseling Department: For appointments and information call 818-364-7655 or visit http://www.lamission.edu/counseling/

Disabled Students Programs and Services (DSP&S): For appointments, eligibility and information call 818-364-7732 or visit http://www.lamission.edu/dsps/

Extended Opportunity Programs and Services (EOP&S): For appointments, eligibility and information call 818-364-7645 or visit http://www.lamission.edu/eops/

Financial Aid: For information and applications call 818-364-7648 or visit http://www.lamission.edu/financialaid/

Library: For information on hours, resources, workshops, and other services contact 818-364-7106 or visit http://www.lamission.edu/library/

STEM Office: For information on free tutoring, resources and academic counseling for STEM (Science, Technology, Engineering, and Technology) students visit: http://www.lamission.edu/stem

Tutoring Services in Learning Center: Laboratories for Learning, Writing, Math & Science. Walk-in and appointment services offered. Call 818-364-7754 or visit www.lamission.edu/learningcenter/