

STUDENT LEARNING OUTCOMES

Upon completion of this course, successful students will be able to describe and explain fundamental homeostatic processes of the human body and how they are controlled by the endocrine and nervous systems.

My lecture notes are available to you at <http://moodle.lamission.edu> see attached instructions and on the Life Sciences web site: www.lamission.edu/lifesciences

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 12-13 **lab assignments** and/or **quizzes**. These are worth 5 pts each. They may be due at the end of each lab session or the beginning of the next, as instructed. You must be present and participate in the experiment to receive credit. No partial credit. No late credit.

Test questions will cover all material presented during lecture, laboratory, homework, and in the text. There will be information in the lectures that is not in the text, and vice versa. Tests 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. One 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.

Quizzes will be given as listed in the course schedule. Additional quizzes may be unannounced. They may cover any chapters we have already studied. They cannot be made up.

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 and/or tardiness may affect your final grade.

Cheating in any way will not be tolerated. You will receive a score of 0 on that test. Cheating is also grounds for dismissal from this class. I will give you only one warning. This is your one warning!

assorted rules:

No food or drinks in the classroom or laboratory. This will be strictly enforced.

No cell phones may be on or used during class.

Use of computer or other electronic device for note taking may be used only with the consent of the instructor.

Clean-up during and at the end of each lab session is a requirement !

How to pass this class

It is expected that you will devote about 20 hours, or more, 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:

All students must review the anatomy of the organ and organ systems on their own before we begin lecture on each physiology chapter.

caveat:

The instructor reserves the right to modify or change any or all parts of 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.

course schedule

Mission College Summer 2009

<u>dates</u>	<u>lecture topics</u>		<u>lab</u>	<u>review sheet due</u>
6/22	introduction; chemistry		scientific methods	
6/23	chemistry	Ch2	homeostasis	
6/24	membrane transport	Ch3a	Cell and communication	Ch3
6/25	endocrine – part 1	Ch16-1	5B transports	
6/29	endocrine – part 2	Ch16-2	QUIZ 5A transports	
6/30	reproductive	Ch27	28B endocrine	5B
7/1	development	Ch28	28B endocrine	
7/2	nerve physiology	Ch11a	reproductive	28B
7/6	TEST			
7/7	synapse, neurotransmitters	Ch11b	18B nerve	
7/8	integration and reflexes	Ch11c,13	22 reflexes	18B
7/9	CNS	Ch12	20 EEG	
7/13	sensory physiology; vision	Ch15a	24 vision	20,22
7/14	QUIZ ; hearing, equilibrium	Ch15b	25 hearing	
7/15	autonomic nervous system	Ch14	muscle Ch 9 lecture	24,25
7/16	muscle	Ch 9	16A muscle	
7/20	TEST			
7/21	cardiac physiology	Ch18	34B cardiac	16A
7/22	cardiac ; circulatory	Ch19	31 ECG	34B
7/23	circulatory	Ch19	33B cardiovascular	31
7/27	blood	Ch17	QUIZ ; 33A cardiovascular	33A
7/28	immune system	Ch21	29A blood	33B
7/29	respiratory system	Ch22	29B blood	
7/30	<i>review</i>		37A respiratory	29A
8/3	TEST			
8/4	digestive system	Ch23		
8/5	metabolism	Ch24	39A digestive	
8/6	renal physiology	Ch25	metabolism, cont.	39A
8/10	QUIZ ; renal physiology, cont		41A urinary	
8/11	fluids, acid-base	Ch26	41B urinary	
8/12	review		47 acid-base	41B
8/13	FINAL EXAM			

Instructions for using MOODLE

<http://moodle.lamission.edu>

1. @ login area – click on **“create new account”**
2. Enter a **user name** and **password** - remember these!
enter your email address – note: this must be an active address where you can receive the following email.
3. Log on to your email account. Look for an email from **“remote learner admin”**.
note: This email may go into your Spam folder – make sure to check your inbox and spam.
4. In the email text it will state **“To confirm your new account, please go to this web address:”**
click on that link.
5. On the Moodle page – **login** using your username and password
6. In the center of the page, under **“course categories”** –
click on **Summer 2009 – On Campus** (not Online Classes)
7. Click on this course : **Human Physiology – Prof. Gary Covitt**
8. Enter the **enrollment key** – this will be given to you in class.

That’s it. In the future you will only have to go to the Moodle page and login, select the course. Under **Lecture notes** – click on the **chapter** that you want to view. Print these notes and bring them to class. Later, some **essay** assignments will also be posted on this page.

www.lamission.edu/lifesciences

This is the web page for the Life Sciences Department.

You may find the lecture notes here, until you get set up with Moodle.

Click on **Physiology**

Click on my **Lecture Notes**

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 Moodle.