

REEDLEY COLLEGE  
FALL 2011 SYLLABUS  
BIOLOGY 22 (57465)  
HUMAN PHYSIOLOGY

**INSTRUCTOR:** William Soto, PhD  
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**OFFICE & OFFICE HOURS:**  
Office Hours: By appointment only!

**TIME & LOCATION:**

- Monday (Lecture) & Wednesday (Lab) from 5:30 pm – 8:45 pm in LFS 11.

**COURSE DESCRIPTION:** This course provides a basic understanding and working knowledge of the human body with emphasis on the functions of each major system. The interrelationship between human systems and the relationship between structure and function of each system will be studied at several levels (biochemical, cellular, organ levels). This class is worth 5 Units.

Pre-requisites: BIOL 20 and CHEM 3A or CHEM 1A

**REQUIRED TEXTS:**

- 1) S.I. Fox (2011) *Human Physiology*, 12<sup>th</sup> ed. McGraw Hill
- 2) S.I. Fox (2011) *Human Physiology: Concepts & Clinical Applications*, 14<sup>th</sup> ed. McGraw Hill

**COURSE OBJECTIVES:** Upon completion of the course, the student will be able to

- A. Describe several systems of the human body and how they function.
- B. Describe how various parts of the body interact for the purpose of coordinating the whole body and maintaining homeostasis.
- C. Describe how physiology relates to several different medical conditions.

**CLASS POLICIES:**

- 1) Attendance is mandatory!!! This is a difficult class, so in order to succeed, you will need to be at all lectures and labs. During the course of the semester if you accumulate 14 unexcused hours between lecture and lab, you will be dropped from the course! An excused absence will only be considered something that can be physically documented by paperwork! You will not be allowed to turn in a lab assignment for which you do not attend. The final drop date is October 15.
- 2) All assignments will be due on the due dates! Assignments will be penalized 10% each day they are late, including weekends. No electronic assignments will be accepted (e.g., scans, email, & attachments). No handwritten lab assignments will be accepted!
- 3) I strongly recommend that you read the necessary material before we discuss it in class or lab so that you can contribute to class discussion and perform the assigned activity.
- 4) In most cases, there will be no make-ups on tests subsequent to the dates these items are scheduled to be administered. If you know you will miss a test day, then you may arrange to take it at an earlier date. Please provide an advanced notice of at least two weeks, so that I have ample time to prepare a separate exam for you. Exams taken earlier will not be the same ones administered in class. Written documentation AND an advanced notice of at least two weeks are both necessary to take an exam at a

date later than the one it is to be given. Students who do not follow these policies and miss a test will be given a “0”.

- 5) You should get into the habit of checking your email before you come to class in the event that I cancel class for some reason. If I have to cancel class, I will always inform you ahead of time.
- 6) It is your responsibility to keep track of all of your scores in order that you can have an up-to-date account of your semester grade! Please do not ask for current grades and point totals at the end of the course, because I will not discuss grades around finals time!
- 7) No classroom guests are permitted. No children are allowed in class at any time.
- 8) No food or beverages allowed. Cell phone use will not be tolerated in this class; turn off your cell phones prior to class. Laptops may be used in this class; laptop users should sit in the back row to avoid distracting others.

**GRADING:** Your class grade will be based solely on performance, and follow the grading scale listed below:

A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	< 59%

**EXAMS:** There are six lecture exams AND a final. Each lecture exam will be worth 100 points each. Testing material will come from the lectures, assigned readings, and laboratory. As much as 20% of the testing material for each exam may come from the reading assignments for which the subject matter was not directly covered in class. You will be expected to be responsible for the assigned readings (lecture and lab). I will periodically present supplementary information (including videos, diagrams, figures, case studies, worksheets, and handouts) to accompany the textbook, laboratory manual, and laboratory activities, which is testable material. Lecture exams will comprise of multiple-choice, fill-in-the-blank, true/false, matching, definitions, short-answer, and long essay. This course covers a great deal of material. It is not always possible for your instructor to cover every topic in great depth in lecture, thus you will need to keep up with the reading assignments. A study guide will be given for each exam to help you target your study efforts for the exam. The final will be worth 150 points and comprehensive. You will not be permitted to leave the classroom once a test has been handed out. I cannot risk a student walking outside to look at notes and then stepping back inside to continue taking the test. For each time you leave the room, your test will be deducted 10 points.

**EXTRA CREDIT:** Two extra credit assignments (each worth 10 points) will be available for this course.

**LECTURE & LAB SCHEDULE:** The dates and assignments in the following calendars will be adhered to as closely as possible. I must remain flexible in the event that something unforeseen happens. If something must change, I will let you know immediately.

**ACADEMIC HONESTY POLICY:** All students are required to maintain the highest standards of academic honesty and conduct—these are the same high standards that will be expected of you in your future academic and professional careers. Students are expected to abide by ethical standards in preparing and presenting material which demonstrates their level of knowledge and which is used to determine grades. Such standards are founded on basic concepts of integrity and honesty. Cheating and academic misconduct in any form will NOT be tolerated. Any student found copying or attempting to copy any work from another student (without permission from the instructor) will receive an “F” in this class. Any student allowing another student to copy their work (without permission from the instructor) will also receive an “F” in this class. Any student found cheating or attempting to cheat will receive an “F” in this class and their name will be given to the Dean of Instruction for further action, as deemed necessary. Review the Reedley College

catalog section on academic dishonesty. **Please do not risk your GPA and your academic career with dishonesty in this course, it is not worth it!!**

**ACCESSIBILITY:** If you have a verified need for an academic accommodation or materials in alternate media (i.e. Braille, large print, electronic text, etc.) per the Americans With Disabilities Act or Section 504 of the Rehabilitation Act, please contact your instructor as soon as possible.

### **DISCLAIMER**

Although every effort will be made to keep to the outlined schedule, the timing and sequence of this course are always subject to change. The instructor reserves the right to modify the course schedule or other aspects of the syllabus during the semester as considered necessary to achieve course objectives. Any necessary changes to the syllabus (or to the course schedule) will be announced in class and you are responsible for being aware of them.

**DSP&S:** Students with diagnosed disabilities should contact the Disabled Students Programs and Services (DSP&S). Please give me a copy of the letter you receive from DSP&S detailing class accommodations you may need. If you require accommodation for test-taking please make sure I have the letter no less than three days before the test. If you need any special considerations for the class, please speak with me ASAP so we can coordinate any special accommodations.

*Please Note: This syllabus is NOT a legal contract between the instructor and the student. It is an informal publication designed to provide the student with general guidance during the semester. The schedule and procedures for this course are subject to change at the discretion of the instructor.*

### **COURTESY**

Please be considerate of your classmates and the general environment while in the lecture room. This includes turning off (or using a silent mode) cell phones and pagers. I will NOT tolerate any text messaging in the lecture nor in the laboratory. Dogs (with the exception of aide dogs) and other pets, bikes and roller blades are not allowed in the lecture room, for safety considerations. Please keep in mind that conversations with classmates (even whispered ones) can interfere with the ability of others to hear and follow the lecture. If you have a question during the lecture, please feel free to ask me (and chances are that many of your fellow classmates will also appreciate the clarification). Please be sensitive, patient, tolerant, and thoughtful of other people's cultures, religious beliefs, and political views during class and laboratory periods. Let us agree to disagree.

**Grading Errors:** Students are welcomed and encouraged to discuss potential errors with regard to grading. However, the classroom or laboratory is not the place for this discussion. A written grievance to me explaining your case, within one week after receiving back a test or assignment, will be genuinely considered. Please staple the test or assignment in contention with the grievance letter. I will return the item back to you with my decision within a week, which is final.