

Instructor: Dr. John Rusche

Office: MLH B36

Phone: 208-750-6048

Email: jmrusche@lcsc.edu

Course Objectives:

- Examine the human organism, using the principles and processes of biology to understand how things work.
- Develop an understanding of how the body functions through a detailed survey of our organ systems.
- Discuss current topics in nutrition, biology, and medicine as they pertain to the organ systems.
- Achieve an understanding of how the human organism and human populations can maintain homeostasis.
- Practice the ability to critically examine health and treatment claims and evaluate scientific evidence.

Textbooks (required)

- HUMAN BIOLOGY, 10th Ed., Sylvia Mader
- Laboratory for HUMAN BIOLOGY, 10th Ed., Sylvia Mader

Student responsibilities:

- Students are responsible for all lecture material and all assigned readings and study questions.
- Students will be responsible for reading the assigned laboratory exercises BEFORE attending lab.
- Students will be responsible for understanding the laboratory exercises and techniques.

Evaluation and Grading:

Lecture: There will be 4 exams, each covering about one month of lecture material. In addition, there will be a comprehensive final exam. Each exam is worth 100 points, and the lowest exam score of the five will be dropped. Students satisfied with their scores may opt out of the final exam. Final exam questions will be from earlier exams and from questions under the heading "Testing your Knowledge of the Concepts" at the end of each chapter in the textbook.

Laboratory: There will be 4 laboratory quizzes and a comprehensive final quiz, each worth 30 points. As with the lecture, the lowest score will be dropped. In addition, each of the laboratory sessions will have a write up, worth 10 points. Each of these write-ups are due by the end of the laboratory session. The two lowest scored write-ups will be dropped. Late write-ups will not be accepted, nor will missed laboratories be "made up".

A reading log is required and will be turned in prior to the laboratory period. Ten reading logs are required, and each is worth 3 points. Late logs will not be accepted. Finally, students may earn 2 points per lab session by answering questions on that day's exercise before leaving the lab.

Grading Summary:

Lecture—best 4 of 5 tests, 100 points each 400 possible

Laboratory

Best 3 of 4 quizzes, 30 points each	90 possible	
Best 10 (of 12) lab write-ups, 10 points each	120 possible	
10 reading logs, 3 points each	<u>30 possible</u>	
		220 possible

Grades will be give for both the laboratory course and the lecture course

Final grades will be awarded based on the percent of possible points as follows:

93-100% = A	90-92% = A-	
87-89% = B+	83-86% = B	80-82% = B-
77-79% = C+	73-76% = C	70-72% = C-
67-69% = D+	60-66% = D	
Below 60% = F		

Absences:

In the case of absences for college-sponsored activities, such as academic competitions or athletic events, the student may provide “make-up” work only if they provide official documentation of the date and time of their required absence (when you leave and when you return). This documentation must be given to the instructor at least one week before the scheduled absence. Employment or athletic practices do not constitute an acceptable excuse.

Special accommodations:

If you feel there is any physical or mental challenge to you that impedes your ability to participate in the class or laboratory, please see me so we can remove or correct the problem. If you have any special medical needs in case the building needs to be quickly evacuated, please see me. Assistance with accommodation can also be found at the Office of Student Life, Room 111, Reid Centennial Hall.