

COURSE INFORMATION SHEET

Course Title: Human Biology

School: Los Altos High

UC/CSU requirement: Lab Science: Fulfills the “D” of the A-G Requirements

Textbook and/or other learning resources: Canvas LMS, Optional - Foundation Edition of *Biology* by Miller/Levine (Prentice Hall Pub.)

Course Description/Student Learning Outcomes:

Human Biology will explore the traditional life science covered in ‘Biology’ through a relatable in-depth study of the human body and its processes.

The goal of the human biology course is to provide students with the scientific principles, concepts, and methodologies required to understand the human body. Topics include the nature of science, the eleven body systems, and how body systems work together to create homeostasis. Through this course, students will demonstrate their ability to:

- identify and analyze problems in the human body.
- evaluate lifestyle choices and how they impact the body long term.
- Build laboratory skills, collect and analyze data to draw conclusions based on quantitative and qualitative data.
- explore human health issues to gain an awareness of “real world” medicine.
- engage in dialogue and research with classmates to build listening and public speaking skills.

Course Outline/Units of Study

11 Body Systems

Skeletal,	Muscular	Circulatory	Respiratory	Excretory	Integumentary
Endocrine	Reproductive	Digestive	Lymphatic	Nervous	

The sequence of units may differ from the order written.

Assessment and Grading (BP 5121 / AR 5121): To ensure that every student has an equal opportunity to demonstrate their learning, the course instructors implement aligned grading practices and common assessments with the same frequency.

1. Grading categories and their percentage weights:

Weight of assignments and/or components of the grade is approximately:

60%: Quizzes, Tests and Final (Content Knowledge)

40%: Classwork and Labs (Writing and Science Skills)

2. Achievement evidence collected within each grading category:

Assessments:

Tests will be multiple choice, fill-in-the-blank, graphing, and skills tests.

In skills tests, students will demonstrate their ability to correctly use science equipment to perform a chemical/medical test, record data, and analyze medical scenarios to arrive at conclusions when given a case study or evidence involving a patient’s health.

Assignments:

Consist of:

-Notes which can be used on some test and quizzes.

-Labs with hands-on dissections, medical tests, model building, and microscope use. Lab Write-ups.

-Drawings and diagrams of the human body.

3. Grading scales:

A = 100%-90%

B = 89%-80

C = 79%-70%

D = 69%-60

F = 59% and below

4. Homework/outside of class practices (AR 6154):

Homework could include EdPuzzle video assessments, reading, taking notes, worksheets, lab reports, researching topics online, and/or reviewing for tests. Homework is given for enrichment and to practice key concepts and preparation for assessments. Homework should take 15-30 min to complete.

5. Excused absence make up practices ([Education Code 48205\(b\)](#)):

When **absent**, it is YOUR responsibility to find out what activities and concepts you missed as you are responsible for knowing all material covered for the assessments. Classwork and Lab pages in the notebook are numbered so that you can easily find what you have missed. Your goal should be to get notes from the teacher or fellow student, on information based assignments. For Labs, questions, surveys, or other assignments that are intended to have your unique personal answer/response, you should be completing those things on your own, with your thoughts/ideas/learned information. Tests and Quizzes can be made up during ACT time, or arranged with the teachers for lunch/brunch/an open period in your schedule. Any missing/late work should be completed before unit tests. Labs, dissections and scientific activities often have perishable components, so it is important that you try NOT to be absent on lab days. If you must miss a lab day, you must make it up in ACT as soon as possible to prevent lab supplies from spoiling. Makeup work should be completed in the number of days you were out: ex: absent 2 days, you should catch up and turn in work within 2 school days of being back.

6. Academic integrity violation practices ([LAHS Academic Integrity Policy](#)): All Integrity violations will be reported to administration in accordance to the LAHS Academic Integrity Policy

7. Late work practices:

Late work will be accepted if it is completed by the end of the unit. Students should try to not fall behind more than one week on the due date of an assignment. ACT is a good time to complete assignments and make up missing tests/quizzes.

8. Revision practices:

If you are not happy with the score on a test/quiz, you can always make up the quiz/test during ACT for a higher grade. It is best if you do this within one week, as it will help prevent you from falling behind.

9. Extra credit practices: Extra credit is not part of your grade. The focus of the class is completion and understanding of the work we assign.

10. Additional grading practices:

Official grade will be found in the SIS Aeries System.

Assignments will be turned in online on Canvas or collected physically, but the official grade is what is shown in the SIS system

11. LMS Used: Canvas

Instructors' email addresses:

Ms. Schramm christina.schramm@mvla.net Room 704

Mr. Rasmussen michael.rasmussen@mvla.net Room 704

Additional information:

CLASSROOM RULES AND EXPECTATIONS

Students are expected to come to class prepared and ready to succeed. This includes bringing to class daily:

- One-inch binder dedicated to Human Biology (Provided in class, and can be kept in class)
- Pencils and pens for note taking and tests
- Colored pencils (or markers/crayons/pens) for Biological drawings, graphing, and modeling (some provided in class)
- Computer-Charged, a headset/earpods
- **Charged** devices and ear buds that work with laptop/chromebook: for viewing videos/digital labs in class.

1. There will be **NO EATING, NO DRINKING, and NO GUM CHEWING** allowed in class for safety purposes. Dispose of any food in the compost bin.
2. Take care of all restroom/bathroom needs before class if possible; however if you need to use the restroom you may. Students must sign out on the bathroom board and erase your name when you return. Only one student out at a time. If you are behind in your work, or missing assignments, and are taking bathroom breaks, it will be expected that you make up your bathroom time with us at brunch or lunch to make sure you have not missed any work, causing you to fall farther behind.
3. Always demonstrate respect for your classmates, teacher, and yourself. Our classroom is a place where people work together towards a common goal in an atmosphere of mutual trust and respect. As young adults, you know what behaviors are appropriate in such a setting. Listen to each other carefully and speak when it is your turn. Also, learn each other's names!
4. Be responsible for keeping your work area clean. If you find or create a mess at your desk (or write on it) or in lab areas, clean and straighten it completely before you leave. Lab equipment given to you at the start of an activity is clean; it is expected to be returned in the same way. Please be careful with all laboratory equipment and class materials (including your textbook). If you are careless with the equipment you may be charged for it.
5. All rules from the student handbook apply in class (dress code, etc)
6. Electronic devices will be used for classroom purposes and only when the teacher deems it appropriate. Stay focused and on the task at hand. Earbuds may be appropriate for classroom purposes **only when the teacher instructs you to use them.**
7. Unauthorized experiments are not permitted: follow directions.
8. Sunglasses, hats/hoods (earbuds) are accessory items and are NOT to be worn during class. Remove jewelry for labs and pull back long hair.

