

Biology Class Expectations

Understood Rules

Respect your self

Respect your classmates

You will be in your desk, ready to take notes as soon as the bell rings. Failure in this will result in disciplinary procedures.

Classroom Rules

1. Stay On TASK. Keep the class moving in a positive direction. When conversation is allowed use 12" voices. One verbal/nonverbal warning will be given, consequences are: demerits, essay on topic of my choice, detention, removal from class, cleaning the lab, picking up trash, etc. Assigned essays will affect your grade.

2. There will be no using the restroom for the first 10 minutes of class. After that restroom use will be at my discretion.

3. Lab safety is of the most importance in class. Safety glasses will be worn at all times during experiments and will only be taken off after everyone has finished the labs. This is your first and only warning, anyone not wearing safety glasses during lab time will be asked to leave the room (and go to the office). He or she will not be allowed to make up the lab work and will receive a zero for that lab. All those involved in any horseplay during lab will be asked to leave the lab (and go to the Office) and receive a zero for that lab. All missed lab work will need to be made up at another time outside of class (you will not be allowed to copy data from a lab partner) or receive a zero for that lab.

4. My desk, grade book, and other classroom materials are off limits to all students unless otherwise instructed.

5. The cleanliness of the desks and room in general is the responsibility of each and every student. If a student writes on the desks or creates a mess in the room, they may be required to come in at a non-class time (usually early morning) to clean the room.

6. Cheating will be defined as attaining or giving information on a quiz, test, or other graded assignment. Those found cheating (either receiving information or giving information) will receive a zero for that paper and may be subject to discipline.

7. Make-up work is to be completed within a week of the date missed. **It is up to the student to find out what was missed.** Make-up tests and quizzes are to be taken in class on the day following the absence; if this is not possible, it must be made up either before or after school and **also is up to the student to make the necessary arrangements.** Excused notes must be brought in within two days of your absence or it becomes unexcused. For any and all unexcused absences from the class, the student will receive a zero for that day. Make up for Laboratory work will be done by arrangement. To make up or finish a lab more than a week from the missed or unfinished lab, you must get pre-approval from me.

8. Late work will not be accepted unless prior arrangements have been made.

About The Class

Class each day will follow the same basic schedule. After roll is taken, homework will be corrected or a short quiz will be taken to review previous material. Following this, there will be a lecture and/or explanation of new material. Any remaining time will be spent in beginning work on the homework assignment. This time can be very valuable to answer questions while still in class and help to avoid some frustrating time spent out of class.

Tests will consist of multiple choice, short answer, and essay. You will be required to show your work on all tests, no work, no credit. This will often even apply to multiple choice questions. There may be periodic booster tests. A score of 80% or higher on a booster test will either replace the score of a previous test or move your grade up to the next level. i.e. a B will become B+, a C- will become a C, etc.

Homework problems in the book will be assigned; I will answer questions on the homework, but homework will generally only get “effort” grades. I reserve the right to request and grade homework at any time after it is due.

Worksheets will be given they will often be graded.

Grades

Since Biology is learned through doing and not through osmosis, you can expect to receive homework every day. Yet, it will rarely be graded with more than an effort grade. But to ensure that students do their work, fairly accurate records will be kept as to each student’s homework. If a student does not have a homework assignment for class when it is due, he or she will receive a zero for that assignment. If a student accumulates 7 or more zeros during a marking period, he or she will FAIL that marking period regardless of their quiz and tests scores. Worksheets may be required to be handed in for a grade. All labs will be graded.

Grades will be calculated as follows: Homework 25%, Quizzes 25%, Tests 25%, Laboratory work 25%. The final will be 15% of the overall grade for each semester

Grading will be based on each student's performance in the following areas: Homework assignments, worksheets, tests, lab work, quizzes, and comprehensive final. Daily assignments that receive effort grades will be assigned point values and given either a "+" (done well almost all completed or attempted), "-" (little effort given for example: 3/4 or less done or attempted), or a "0" (little or no work done), based upon their completeness, neatness and number done correctly. I reserve the right to grade any assignment at any time. Tests and quizzes will be given periodically throughout the marking period and will receive numerical scores rather than letter grades. I may decide, on an individual basis, to drop some of the lowest quiz and homework grades if a student displays consistent effort throughout each semester, I will not drop zeros from homework or quizzes that were “not done”.

Class Goals

Help you learn to solve problems.

Help you to communicate and express yourself clearly.

Help you to gain an appreciation for God’s miracle of creation.

General Biology outline

This outline is subject to change depending upon the class, current events and discoveries, and the instructor’s dictatorial prerogative. Generally, first semester will concentrate on the cell and second semester will concentrate on a overview of topics in biology.

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| <ul style="list-style-type: none"> I. The Cell <ul style="list-style-type: none"> a. Chemistry in Biology b. Cell structure c. Cell energy d. Cell reproduction II. Genetics <ul style="list-style-type: none"> a. Sexual reproduction b. Inheritance c. Molecular genetics d. Biotechnology III. Bacteria viruses, protists, and fungi <ul style="list-style-type: none"> a. Bacteria and viruses b. Protists c. Fungi | <ul style="list-style-type: none"> IV. Plants <ul style="list-style-type: none"> a. Plants b. Plant structure and function c. Plant reproduction V. Invertebrates <ul style="list-style-type: none"> a. Animals b. Worms and mollusks c. Arthropods d. Echinoderms VI. Vertebrates <ul style="list-style-type: none"> a. Fish and amphibians b. Reptiles and birds c. Mammals VII. Human body | <ul style="list-style-type: none"> a. Integument, skeleton, muscles b. Nervous system c. Circulatory, respiratory, and excretory systems d. Digestive and endocrine system e. Reproduction f. Immune system |
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