

Biology

Instructor: Danny M. Miller
E-mail School milld754@Alpine.K12.UT.US Home millerd@sisna.com
Web page <http://www.oremhighschool.com/staff/millerd/>

Text: Biology by Miller and Levine, Waterman Prentice Hall 2002

COURSE DESCRIPTION

This course is an introduction course for core science. Students will receive a wealth of information and fundamental knowledge of the organisms and processes and principles involved in their life activities. A thorough background of Biology is essential for the student who is planning advanced work in many fields.

GUARANTEE CURRICULUM

1. Students will understand that living organisms interact with one another and their environment.
2. Students will understand that all organisms are composed of one or more cells that are made of molecules, come from preexisting cells, and perform life functions.
3. Students will understand the relationship between structure and function of organs and organ systems.
4. Students will understand that genetic information coded in DNA is passed from parents to offspring by sexual and asexual reproduction. The basic structure of DNA is the same in all living things. Changes in DNA may alter genetic expression.
5. Students will understand that biological diversity is a result of evolutionary processes.

GRADING:

1. Exams will comprise the majority of the points possible. Four to five 100 point exams will be given each term as we come to a close of a unit. These tests are to be informative to see what you have learned to this point. You will be required to score at least 70% on these tests. If you score below that you will be required to retake the exam within a timely fashion. The retakes will have an added degree of difficulty. A mid term and term final will also be given each term they will be worth 200 points and are both formative and summative in nature. You will also be required to score at least 70 in the midterm exam. Exams will be returned the following class.
2. Assignments must be turned in on time for full credit. The work must be accurate and complete. A score of 7 or better on a 10 point assignment must be maintained or the work will be redone. The goal is best effort and work all the time. All assignments will have to be tied to the guarantee curriculum given above and is to help ensure that you have learned what is required.
3. Labs will be completed with a lab partner. They will be due when the lab is complete and a discussion has been held in class concerning the outcomes of the lab. All labs should include the following: the lab sheets that may have been passed out to you. A lab write up that includes the following areas: Purpose, Procedure, Data and Conclusion. Labs will usually be graded between 10-20 points and again you must score 70% or above to be accepted.
4. Quizzes will be given daily at the beginning of class. Each quiz will be worth 5 points. Missed quizzes due to absences or tardies will not be made-up. Students will be allowed to drop their lowest two scores if all quizzes are taken. Missed quizzes will be the ones that are dropped.

5. Each quarter there will be a major assignment or project worth 100 points. Information on each assignment will be given at the beginning of each quarter.
7. The final grade will be determined by dividing your total points by the number possible that term. See the grading breakdown below. Total points for each quarter will be approximately 700 to 800.
8. Progress reports will be given to students at mid-term and during the final week of the term. Also you may check your progress on the power school server.

ATTENDANCE:

Students will be expected to be in class on time. The policy adopted by Orem High School will be followed. Class work miss due to truancies may not be made up.

STUDENT RESPONSIBILITIES:

1. Students will be expected to bring text, 3 ring notebook, paper, five dividers and working materials (paper and pencil) each day to class.
2. It will be expected that each student spend a minimum of 1-2 hours on homework each week.
3. It is suggested that each student keep record of exam, assignment, and lab scores.
4. Discipline: Students will be expected to conduct themselves properly in class. Unreasonable disturbances or distraction to property will result in student/teacher counseling. Further problems will be referred to administrators and/or parents.
5. Head phones Walkman's/Disc-mans, Cell-phones, pagers, games, etc. are not to be used in class please leave them in your locker, backpack (turned off) or home. Any of the above devise seen in class will be confiscated and your parents will need to come pick them up.
6. This class is open to all students. Orem High School offers education to all students. Orem High School does not discriminate on the basis of race, color, religion, sex, disability, or national origin. Students who have a grievance with another student or any school employee should talk to the school administration or a counselor about their concerns.

GRADING BREAKDOWN

94-100	A	84-86	B	74-76	C	64-66	D
90-93	A-	80-83	B-	70-73	C-	60-63	D-
87-89	B+	77-79	C+	67-69	D+	00-59	F

Administrator Approval _____

Cut and return to teacher by date given below

I will occasionally have students in class correct the work of other students. This practice has an important educational purpose in that it allows the students to review, as well as consider problem solving and ideas that may be different than their own. If you have any questions please call or e-mail me at Orem High School.

- I give permission for my child's work to be corrected by other students in his/her chemistry class.
 I do not give permission for my child's work to be corrected by other students in his/her chemistry class.

Student Signature _____ Date _____
 Printed Name _____
 Parents Signature _____
 Printed Name _____

Please return this signed disclosure document by the second day of class.