**ADVANCED BIOLOGY**

***Course Syllabus***

**Instructor – Miss Keegan**

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**1. COURSE DESCRIPTION**

This Advanced Biology course is designed to be taken by students after the successful completion of General Biology. This aim of this course is to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This course will differ significantly from the usual high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work done by the students, and the time and effort required by the student.

This course will consist of an in-depth study of the following major themes: molecules and cells, heredity and evolution, the interdependence of living systems, and an independent research project.  In each of these areas the student will learn using a variety of educational approaches, such as; lectures, discussions, lab activities, experiments, research, independent study, and cooperative learning activities.

**GRADING**

    • Tests & Quizzes                                     50%

    • Formative assessments                       10%

                • Labs /Activities                                     40%

**UNITS TO BE TAUGHT**

Unit 1    The diversity and Interdependence of life

Unit 2    The Origin and Adaptability of Life

Unit 3     Cell Growth and Reproduction

Unit 4    Cells as a Biological Factory

Unit 5    Cells as the Basic Unit of Life

Unit 6    The Chemistry of life

Unit 7    The Diversity & Interdependence of Life

**TEST/ASSESSMENT RE-DO’S**

If you receive a 73% or less on a **Test:**  fill out a “**Re-test Request**” form and see me about scheduling a re-test. It is up to you to take initiative to do this. Your final score will then be an average of your original test score and your new test score. You may do this one time per test.

Formative Assessments (homework/class work) may be corrected for chance to earn full credit. You will have two days after the assessment to get it done or the grade will remain as is.

Lab and project grades are final. Be sure to do your best the first time!! ☺

\*\*\*There will be NO extra credit offered under any circumstances!\*\*\*

**LATE WORK**

-There will be a two day grace period after the due date in which I will accept late work. After that the grade is a zero.

-Every student will have “ONE FREE PASS” per **semester** to be able to turn in late work with no repercussions. If you choose to use your one pass, you must tell me and I will record it. I will not assume that because you hand in something late that you are using your free pass, nor will I be asking you if you want to use it. YOUR “free pass” is YOUR responsibility!

-When you turn in late work, I will grade it and return it to you at my own convenience.

**CLASS RULES**

1. Work hard
   1. Come to class prepared
   2. Be ready when the bell rings
   3. Stay on task
2. Be respectful
   1. Of the teacher
   2. Of other classmates
   3. Of yourself
   4. Of property

**CONSEQUENCES**

1. Verbal warning
2. Meeting with me
3. Contact home
4. Meeting with principal

\*\*If a sub is here and a disciplinary issue arises= automatic meeting with principal\*\*

**SUMMARY OF LAB RULES**

1. No food or drink at any time during a lab activity.
2. Any pre-lab assignments **MUST** be completed in order to participate in lab. Missing a lab due to not having your pre-lab completed on time will result in a “0”.
3. No horseplay
4. *Listen* carefully to my instructions and *follow* them
5. Clean up your space at the end of the lab. Return your equipment to the correct drawer/cupboard
6. If you have questions…ask me!

**Syllabus Agreement**

After reading and understanding the contents of this syllabus, please sign below. See me if you have any questions or concerns.

I, , have read and understood the classroom syllabus and procedures for

(Student)

the upcoming school year. I agree to abide by the rules and to accept any consequences that may follow if I choose not to abide by the rules.

(Student signature) (Date)

(Parent signature) (Date)