

**Sharyland ISD**  
**Sharyland Pioneer High School**  
***BIOLOGY DEPARTMENT***  
***Biology I – Fall 2017***

**Name of Instructor:** Nancy Ochoa-Garza

**Room:** 219

**Telephone Number:** (956) 271-1600

**Conference period:** 1<sup>st</sup> block (8:30-9:30)

**E-mail Address:** please see contact me tab on website

**Course Name:** BIOLOGY I Pre-AP

**Catalog Course Description:**

The first semester of this class emphasizes use of the scientific method, biochemistry, cell structure and function, cellular transport and the cell cycle, DNA and genes, and the basics of genetics and inheritance patterns. The second semester emphasizes the principles of evolution, ecology, classification of plants and animals, viruses and bacteria, body systems, and the dissection of the fetal pig.

**Expectations of Biology I Students:**

1. It is expected that you will strive to do your very best in all activities in this class. It is expected that you “strive for perfection!”
2. It is expected that you attend class regularly because “when you miss school, you miss out!” School sponsored events are not counted as absences.
3. It is expected that you follow the classroom rules as well as those established as school policy.
4. It is expected that you complete all assignments and do not copy from your classmates. Assignments are meant for your understanding of the content and preparation for the test. If you are caught copying an assignment, you will receive a zero and no exceptions will be made.
5. It is expected that all electronic devices are put in away during class time, unless a lesson requires use of it.
6. It is expected that you follow the school policy for make-up work when you have been absent. It is your responsibility to insure that you get the assignments you missed, not the teacher’s!

**Classroom Rules:**

1. Be in your assigned seat when the bell rings.
2. Bring all appropriate materials to class.
3. Follow directions.
4. Do not leave the room without permission.
5. No personal grooming during class time.
6. Do not interrupt when someone else is speaking.
7. There will be no food of any kind or drinks brought into the classroom.
8. No swearing, teasing or yelling in the classroom.
9. Keep hands, feet, and objects to yourself.
10. Stools will be placed back on top of the lab tables at the end of the class period.

11. Cell Phones will be collected during Testing and returned after everyone is finished with testing in class. If a student does not turn in a cell phone, and is caught with one during testing, the cell phone and test will be picked up and a zero will be given with no opportunity for retesting.

**Course Outline:**

<b>SEMESTER I</b>	<b>SEMESTER II</b>
Week 1: Introduction to Biology and Biochemistry	Week 9: Evolution
Week 2: Cell Structure and Function	Week 10: Classification and Diversity Protists & Fungi
Week 3: Cell Transport	Week 11: Viruses and Bacteria
Week 4: Cell Energy	Week 12: Plants Systems and Human System
Week 5: Cell Cycle and Meiosis	Week 13: Ecology
Week 6: Genetics	Week 14: STARR EOC Biology Exam
Week 7: Molecular Genetics: DNA to Proteins	Week 15: Dissections
Week 8: Molecular Genetics: DNA to Proteins <b>Semester Exam</b>	Week 16: Lab Activities <b>Final Exams</b>

**Textbook:** Biology: Houghton, Mifflin, and Harcourt.

**Username:** \_\_\_\_\_

**Password:** \_\_\_\_\_

**Materials:**

The following list of materials needs to be brought to class every day.

1. Notebook – 3 - ring size (1 inches); any color (do not write on!)
2. Notebook paper - wide or college rule
3. Dividers - set of five
4. Blue or black ink pen (for all assignments)
5. Red ink pen (for grading and for corrections)
6. Pencil
7. Map colors / crayons
8. Metric ruler
9. Glue sticks
10. Scissors
11. Composition Notebook

**Grade Distribution**

60% Major Assignments

40% Minor Assignments

For more information refer to district website on grading policy.

I HEREBY AGREE THAT I HAVE READ THE ABOVE INFORMATION AND AM AWARE OF THE CONDITIONS SET FORTH BY THE BIOLOGY DEPARTMENT.

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STUDENT'S SIGNATURE

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PARENT'S SIGNATURE