



COURSE (QBS281-QBS282) Biology P- 10 units)

Course Description :

The Biology-P Curriculum is designed with the understanding that each student needs experience with Biology and how it applies to life. The course focuses on the application of Biology to future decision-making, and its relevance throughout life. Students build on concepts and principles learned in previous Life sciences, which form the foundation for developing creative new ways of analyzing current biological topics.

The students will use a variety of approaches to solidify concepts being taught through the use of textbook, videos, computer-based models and labs, and hands-on activities. The students will be engaged in cooperative learning in doing lab investigations and unit projects.

Teacher Name: Mrs. Mitzie Romero

Teacher Email Address: mitzie-romero@scusd.edu

Teacher Phone Number: 395-5090 x 506121 Room # B21

Textbook

Biology (Prentice Hall) c. 2002; Miller, Kenneth R, Ph.D. and Levine, Joseph Ph.D.

Required Materials:

The following materials must be brought to class everyday:

- Textbook (must be covered)
- Pens (black and blue), Pencils, eraser
- Highlighters
- Colored Pencil
- 3-ring binder with lined paper (for notes, assignments, lab reports, and homework)
- USB flash drive

Grading Policy:

Coursework will be graded as follows:

Classwork/Assignment	- 20 %	A = 90-100%
Lab Activities/Unit Projects/ Research Work	- 20 %	B = 80-89%
Homework/ Binder/ Participation	-20 %	C = 70-79%
Quizzes/Chapter Tests	-20 %	D = 60-69%
Finals	-20 %	F = 59% and below
Total	100	

Course Outline:

The course will cover the following Units (Big Ideas):

- Nature of Science
- Biochemistry
- Ecology
- Cells, Cell Energy, and Cell Cycle
- Inheritance and Mendelian Genetics
- Molecular Genetics
- Biotechnology
- Evolution
- Biodiversity

Course Objectives:

The student build on ideas/concepts and skills learned in their previous science courses to explain more in-depth phenomena central to the understanding of the core ideas addressed in the Next Generation Science Standards, namely: Structure and Function; Inheritance and Variation of Traits; Matter, Energy in Organisms and Ecosystem; Interdependent Relationships; and Natural Selection and Evolution.

Throughout the course, the students are expected to develop skills and confidence in asking questions and defining solutions; developing and use of models; designing and implementing lab experiments; writing lab reports; and skills in communicating through evidence-based discussions, and oral presentation.

Academic Expectations:

- All assignments must be done neatly (in black/ blue pen) or pencil and turned in on time, and properly labeled with **last name, name, period and date**. All assignments will be graded and assigned points.
- Class assignments, notes, warm ups, and homework must be compiled in the order by dates in your binder. Bring your binder to class everyday.
- Lab reports following the format (to be given on the 1st lab activity) will be required for every lab investigation/lab activity.
- Know due dates, and submit coursework on time. **No Late Work will be accepted.**
- When absent the previous day, pick up assignment from the assignment corner the following day, or ask from your teacher **before school starts or at the end of the day.**
- After school Help will be available from 3:30-4:20 pm on Mondays, Tuesdays and Wednesday, or during lunchtime everyday.

Classroom Expectations:

- Pick up all assignments/handouts from the front counter as soon as you get inside the room. (Sharpen pencil before class starts).
- Be in your seat when the tardy bell rings and start working on the warm up activity posted on the screen.
- Self-control is essential in a good learning environment. Talking, wasting time, and other undisciplined behavior will prevent you from doing your best in class.
- Dress code and no electronics policy will be observed in the classroom.

- Remain seated until dismissed. (Throw trash/ scraps on your way out of the room at the end of the period.

Classroom Rules and Discipline Policy:

Students are expected to observe the following Classroom Rules:

- **Be Respectful.**
- **Be Responsible.**
- **Be Safe.**
- **Do or Show Your Best all the Time.**

Consequences:

- Warning.
- Change Seat.
- Lunch/ After School Detention.
- Parent Contact.
- Referral to VP.

Discipline Policy:

The student is responsible for his or her behavior in class.

“ Success is noting more than a few simple DISCIPLINE practiced everyday.”
 (John Rohn, American Business Author and Philosopher)

Note to all Students and Parents/ Guardians:

Please feel free to contact me via email and I will get back to you in a timely manner. My goal is to make sure that every student is successful in my class and I believe that active participation and communication are essential.

Please sign and return this on 9/12/16.

I, _____ have read the Syllabus and fully understand
 (Name of Student)

what is required of me to be successful in my Biology class.

I have read and talked about the Course Syllabus and understand what is required of my child in order for him/ her to successfully complete the course in Biology.

Student’s Name _____ Student’s Signature _____

Parent’s Signature _____ Best Time to Call _____

Email address _____ Contact /Phone # _____