

**CHESTER COUNTY HIGH SCHOOL  
BIOLOGY  
COURSE SYLLABUS**

Instructor: Mr. Herriman  
Email address:  
john.herriman@chestercountyschools.org

Home Telephone: 668-0224  
Room #: S3  
Grade Level: 11<sup>th</sup> grade

**I. COURSE DESCRIPTION**

This course will encompass areas of science that deal with living things. Students will study the methods of science, biochemical processes (respiration, photosynthesis, etc.), genetics, the six kingdoms of life, human anatomy and physiology, evolution, and ecology. Major laboratories will include cell membranes and permeability, DNA model building, DNA gel electrophoresis, Karyotype simulation, computer and microscopic study of protozoa, computer guided study of the voyage of the Beagle and biomes of the world, dissection, and blood pressure measurement. During this class, students will develop skills for critical reading of scientific material and be able to draw conclusions from scientific data. They will also investigate and inquire through experimentation and will appreciate the interactions of all forms of life.

**II. REQUIRED MATERIALS**

A notebook with pockets to keep handouts (spiral or 3 ring binder)  
A pen (blue or black ink only) or pencil

**III. GRADING POLICY**

Your grade will be determined by major test scores, lab work, homework and quizzes.

25% labs and quizzes  
50% major test scores  
25% daily work

**IV. BEHAVIOR EXPECTATIONS**

Students are expected to follow these guidelines in their behavior:

- A. The application of one's best academic effort, including prompt and consistent attendance, attentiveness, note-taking, and homework.
- B. Respect and cooperation with all faculty and staff
- C. Respect for and support of other students
- D. A positive attitude toward all aspects of the program.
- E. **ALL TARDIES WILL BE RECORDED.**
- F. Pencils should be sharpened and materials need for the class should be on the desk.
- G. Restroom and locker visits should be made between classes.
- H. Lab equipment is very expensive and no student should examine or use any equipment unless he/she has permission to do so. **The teacher's desk, storage cabinets and filing cabinet are off limits to students.**
- I. If the teacher has to leave the room, students are expected to remain in their seats and be quiet during his absence.
- J. Students who choose to **give or receive** help on any test will receive a grade of 0.
- K. At no time is the student to use the classroom computer without permission.
- L. Students may not utilize cell phones unless instructed to do so by the teacher.