

# Class: Comprehensive Biology 1 ALS 2016-17

**Course Dates: 7/25-9/29**

**Project due: 9/14**

This class is primarily computer driven; however, there are four labs (students must do 2 out of the 4 labs) and one project that are not on the computer program. There are study guides and vocabulary list for each unit; these are graded. The computer is your book, homework and teacher. **Your job is to learn the material.**

- Labs - must do 2 out of the 4. Get a flash drive and lab sheet from the teacher, **labs must be turned in before taking the unit test.** If the lab is not turned in before the unit test, then that lab will be exempted or given a zero depending if that is a lab you are choosing to exempt or one you did not do; **No late labs will be accepted.**
- Before each unit get a unit study guide and vocabulary list, fill out the study guide and vocabulary list as you go through your lessons. Turn in the study guide and vocabulary list to Ms. Judy to be graded, then study for your unit test. The study guides will be turned after each Unit. You may get your study guides back before the final to help you study for the final. •Mastery test may be taken 3 times to achieve an 80% (a 70% can be excepted if student desires). If you do not do well on the first mastery test, then review the test with Ms. Judy before you retake the test.
- **Project is due 9/14**
- Unit test may only be taken once. Unit tests must be set by the teacher and taken at testing computers. Cell phones and notes must be turned in to teacher while taking a Unit Test. On a unit test a student may use a 3 x 5 card and a word bank, after the test you must turn in your card to the teacher (please write your name on the card, teacher will file it and give it back to you when you take the final). **If you do not turn in your note cards, then you will not be able to use it on the final.**
- The Final (no cell phones) needs to be set by the teacher and students will be tested at a testing computer. On the final, students may use the 3 x 5 cards that were turned into the teacher. Finals may only be taken once.
- **Keep track of your progress and if you are behind, make arrangements to stay after school to get on track; Wednesday's from 2:45 to 4 will be open lab.**

## Grading:

- **Attendance = 10% (put in grade portal weekly)**
- **Labs/Project/worksheets = 15% (project will be counted twice)**
- **Unit Test (computer) = 30%**
- **Notes = 10% (study guides and vocabulary list)**
- **Final = 20%**
- **Computer part = 15% (homework grade)**
  - **Master Test = 15%**

Week	Dates	Lessons
1	7/25-7/29	<b>Unit 1</b> Biology Themes History of Biology Safety
2	8/1-8/5	Scientific Method Designing Exper <b>Unit 1 Test</b> Collecting Data
3	8/8-8/12 <b>Lab 1</b>	Interpreting & Presenting Data <i>Lab: Observing Enzyme Detergents</i> (turn in before Unit 2 test) Basic Chemistry
4	8/15-8/19 <b>Lab 2</b>	Chemistry of Life Cells & Cell Theory <b>Unit 2 Test (Lab 1 must be turned in before test)</b> <i>Lab: Studying Animal &amp; Plant Cells</i> (due before Unit 3 test)
<b>8/19</b>	<b>Get Project</b>	<b>Get Project from teacher (due 9/14 no late work excepted)</b>
5	8/22-8/26 <b>Lab 3</b>	Types of Cells Cell Structures & Functions Energy & Cells <i>Lab: Observing Oxygen Production</i> (due before Unit test 3)
6	8/29-9/2	Cell Division Reproduction & Development <b>Unit 3 Test</b>
		<b>All late work must be turned in by the end of week 7</b>
7	9/6-9/9 <b>Lab 4</b>	Cumulative Review – help study for final DNA: Genes & Chromosomes <i>Lab: Modeling DNA Structures</i> (due before Unit test 4)
8	9/12-9/16	Molecular Genetics <b>Project due 9/14</b> Mendelian Genetics Patterns of Inheritance
9	9/19-9/23	Natural selection & Microevolution Overview of Evolution Human Biology 1
10	9/26-9/29	Human Biology 2 <b>Unit 4 Test</b> <b>Final Exam</b>

