

AP Biology Syllabus and Norms

Classroom expectations are set to create a nurturing environment where we may learn about life on our planet!

Classroom Norms:

1. Be Present
2. Be Prepared
3. Be Respectful
4. Be Safe

Violating Norm Consequences:

1st Offense - **Warning** - your name will be written on my clipboard and you will receive a warning note

2nd Offense - A check mark will be placed next to your name and **you** will call home after class

3rd Offense - Sent to discipline office

Late Work and Make-Up Work Policy

Late work and make-up work will be accepted on a case to case policy. If you need to turn in an assignment late, please communicate with me first. Class website: <https://sites.google.com/site/mrsfuginaclasswebsite/>

Hall Passes

Each student will receive 3 passes a quarter to use the restroom, get water or go to your locker. It will be your responsibility to keep the passes in a safe place. Lost passes will be not be replaced. Passes unused at the end of the quarter will be worth extra credit points.

Tardy Policy

Students will be expected to be in their seat with their course materials out WHEN the bell rings. Students who are not in their seat when the bell rings will have their names referred to the discipline office for lunch detention. Warnings are not given for tardies.

Course Description

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by science majors in their first year. This course includes the same topics covered in the textbook, the range and depth of topics covered, the type of laboratory work done by students, and the time effort required of students. Students are also expected to learn not by memorization of facts, but through content and concept application via the AP Biology science practices. Inquiry laboratory experiences are a substantial component of this course requiring students to apply their content knowledge to novel scientific questions.

Grading Policy

If you put in the best effort and turn in the high quality work needed to get an A, then you will get an A.

A 89.00 – 100%

B 79.00 – 88.90%

C 69.00 – 78.90%

D 59.00 – 68.90%

F 0 – 58.90%

Semester Grade Percentage Breakdown

Reading Guides: 5%

Homework Assignments: 5%

Collaborative Assignments: 10%

Warm-Up Check / Class Participation: 10%

Weekly Quizzes: 30%

Unit Exams: 20%

End of the semester group presentation: 10%

Final Exam: 10%

I have read the syllabus and understand the classroom norms and expectations of me in this class.

Printed Student Name:

Student Signature:

Parent Signature:

AP Biology Fall 2017 *SUBJECT TO CHANGE*

Unit	Campbell Reading	Activities	Quizzes/ Exams Dates
1 - Metrics, Science and Natural Selection	Chapter 1	Reading Guide 1 (HW) Norms & Agreements Activities (CA) Lab Safety Activities (HW & CA) Signed Syllabus (HW) Metrics Problems (HW) Metrics Lab (CA) Experimental Design (CA)	Summer Assignment Quiz August 31 Weekly Quiz 1 September 8
2 - Chemistry/ Biochemistry	Chapters 2-5	Reading Guides 2-5 (HW) pH Problems (HW) pH Lab (CA)	Weekly Quiz 2 September 15
3 - Cell Structure	Chapter 6	Reading Guide 6 (HW) Cell Diagram (HW) Cell Lab (CA)	Weekly Quiz 3 September 21
4 - Cell Membranes, Osmosis, Diffusion	Chapter 7 & 11	Reading Guide 7 & 11 (HW) Membrane Structure Diagram (HW) Cell Transport Activity (HW) Potato Core Lab (CA) Dialysis Bag Lab (CA)	Unit Exam 1-4 September 27
5 - Enzymes	Chapter 8	Reading Guide 8 (HW) Enzyme Worksheet (HW) Enzyme Lab (pH, temp, concentration) (CA)	Weekly Quiz 5 October 5
6 - Cellular Respiration	Chapter 9	Reading Guide 9 (HW) Cellular Respiration Worksheet (HW) Cellular Respiration Lab (CA)	Weekly Quiz 6 October 12
7 - Photosynthesis	Chapter 10	Reading Guide 10 (HW) Photosynthesis Worksheet (HW) Photosynthesis Lab (CA)	Weekly Quiz 7 October 20
8 - Mitosis and Meiosis	Chapters 12-13	Reading Guide 12-13 (HW) Mitosis/ Meiosis Worksheet (HW) Mitosis Lab (CA)	Unit Exam 5-8 October 27
9 - Mendelian Genetics	Chapters 14-15	Reading Guide 14-15 (HW) Mendelian Genetics Problems 1-2 (HW) Genetic Corn Lab (CA) Drasophila Virtual Lab (CA) Chi Squared Analysis (CA)	Weekly Quiz 9 November 3
10 - DNA	Chapter 16	Reading Guide 16 (HW) DNA Worksheet (HW) DNA Extraction Lab (CA)	Weekly Quiz 10 November 13

11 - Protein Synthesis	Chapter 17-18	Reading Guide 17-18 (HW) Protein Synthesis Problems (CA)	Weekly Quiz 11 November 27
12- Molecular Biology, Genetic Engineering	Chapter 20	Reading Guide 20 E.Coli Transformation Lab	Fall Semester Final (Units 1-12) December 6-7
Fall Semester Research Project			Computer Lab Work Days December 8, 11-14 Presentations December 15, 18-22

Key:

HW = Homework - this assignment should be done at home and is due on the last day of the unit (Unit Quiz date)

CA = Collaborative Assignment - this assignment will be done in class during the unit in groups or partners.