

AP Biology Syllabus  
Springfield Catholic High School  
2015-2016

**Instructor:** Paige Duda

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**Website:** [www.schsduda.weebly.com](http://www.schsduda.weebly.com)

**Availability:** 7:15-7:50 , A3 Prep, B5 Prep 1<sup>st</sup> semester, B3 Prep 2<sup>nd</sup> semester, 3:00-3:30

**Textbook:** Campbell Biology in Focus, AP Edition.

**MasteringBiology:**

[www.pearsonschool.com/access](http://www.pearsonschool.com/access)

Course ID

B2 – MBDUDA1516

Access Code

SSNAST-BLUFF-GOPAK-XYLAN-HIJAZ-LURES

**Supplemental Materials:** AP Test Prep Workbook for Campbell Biology  
Campbell Biology in Focus Study Guide

**Course Description:**

This course is designed to take an in depth look at biology, recognizing that science is a process rather than an accumulation of facts. The AP Biology course is an equivalent of a college Introductory Biology class and will be taught as such. The textbook is a college level text and the laboratory work will be at a college level as well. Most of the book work will be done as homework, leaving class time open for lectures, reviews, labs, discussion and AP test preparation. This course includes a laboratory component, which will include thirteen labs required by the College Board.

**Big Ideas:**

AP Biology is divided into 4 big ideas:

1. Evolution
2. Cellular Processes: Energy and Communication
3. Genetics and Information Transfer
4. Interactions

**Units:**

1. Biochemistry
2. Cells
3. Metabolism
4. Genetics
5. Molecular Biology
6. Evolution
7. Organismal Biology
8. Ecology

**Materials:**

Pencils or blue/black pens

5 function calculator (basic)

3-ring binder with dividers (recommended)

Composition Notebook

Student Laboratory Notebook - \$18.00

AP Test Prep Series: Biology

**Website:**

Students have access to a classroom website. Included on the website are the following resources: announcements, lecture videos, class handouts, links to websites, **class calendar** and other helpful materials. Students are expected to check the website regularly for announcements for the next class period. The class calendar has all due dates, homework assignments, and class events listed. This is where students should check first when absent for what is missed.

**Late work:**

Late assignments are not accepted under any circumstances. It is your responsibility to make sure you get your assignments completed and turned in on time. The lowest quiz and homework grade will be dropped each quarter.

**Make-up work:**

Students will be able to make-up work for excused absences only! The number of class periods missed is the number of class periods students have to make up work without penalty. When turning in a make-up assignment write absent at the top of the paper.

All assignments will be posted on the class website. Handouts are found in the AP Biology Absent crate with the student's name on it. It is the student's responsibility to check the website when absent, pick up any handouts, and have assignments ready to be turned in. It is not necessary to ask Mrs. Duda what was done in class when a student was absent. However, please feel free to ask questions about specific assignments missed.

Arrangements need to be made to make up a test the day before the class is missed or the day returned. If a test is not made up within a week the class is missed and other arrangements are not made, the grade will be a zero.

**Grading:**

Tests 40% - Tests will be broken into 2 parts – multiple choice and free-response questions. Tests will be constructed and given in a way to simulate the AP Test.

Labs/Projects 30%

Quizzes 20% - Quizzes will be given daily over the reading assignment and material covered the previous class period. Quizzes will be on the front lab table and should be picked up when entering the classroom. You should be prepared for the quiz before you walk into the classroom. One quiz score will be dropped per semester.

Homework 10%

This scale makes up 80% of your semester grade. The final exam is worth 20%. You are required to take a fall and spring final exam. The College Board AP Exam in May is optional, but must be taken for a chance to receive college credit.

**Student Expectations:**

1. AP Biology is taught as a college level course. Therefore, diligence and quality work are expected as well as an open and inquisitive mind.
2. Students are responsible for all material presented in class, whether present or not. It is up to the student to make up any work missed.
3. Students must come to class prepared for discussion, activities and lab. The students will be assigned daily readings and lecture videos and these must be completed before coming to class. Due to the limitations on time, we will not be able to always cover all of the details in the readings and videos, but the student is responsible for all of the material covered in those assignments. Ask, if there are any questions.
4. **\*\*Students can expect a quiz on any of these readings and videos and/or previously covered material at the beginning of class each day\*\*.**

**Binders:**

I would highly recommend keeping a binder of ALL materials you are given throughout the year. This will not only help you prepare for tests and the AP exam, but may also help you receive college credit for the course. Not all colleges accept a 3 on the exam, but may be willing if you can show them all of the course work you completed in the class.

**Classroom Expectations:**

1. All rules in the Student Handbook should be followed while in this class.
2. Be on time! If you are not in the room before the bell rings you will be counted tardy. If you were with another teacher, you must come with a pass from that teacher to not be counted tardy.
3. Come prepared! Each day you need to bring your textbook, binder, pencil, and calculator.
4. No food or drinks are allowed in the laboratory area.
5. Do not speak while others are speaking.
6. Cheating/plagiarism are not acceptable. If you are caught cheating, you will be given a demerit, will receive a zero on the assignment, and the possible refusal of a letter of recommendation.
7. Respect others in the class.

Please sign below once you have read through the syllabus. If you have any questions or concerns, please contact me by email at [pduda@scspk12.org](mailto:pduda@scspk12.org).

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Date: \_\_\_\_\_