

Northside Christian School
Honors Biology (Advanced Placement)

OBJECTIVE: A primary objective will be to point all students to their supreme God who is the creator of all life and to understand His magnificent design to life, His creative processes, and to understand the complexities and diversity of life

This Honors course is designed as a second year of Biology. It is intended to be an advanced placement (AP) class for highly motivated juniors and seniors who are deeply interested in biology, planning to seek a possible career in science, and provide the opportunity to earn college credit in high school. This honors course is a “college level” course at a “college level” pace. Students taking this class will be prepared and may choose to take the *CollegeBoard AP Biology* exam in the spring. .

TEXT: Campbell and Reece, Biology AP Edition, 8th ed, Benjamin Cummings Publisher, San Francisco, 2008.

CLASS NEEDS:

1. Large Separate spiral notebook
2. Graph Paper
3. Calculator (TI 82 / 83 / 83plus) – Required
4. TI Graph Link – Very, very helpful

ACTIVITIES:

1. Stay up with the reading of the text book
2. Quizzes and Test
3. Expect daily - unannounced quizzes
4. Unit test every two week, (Friday)
5. Dissections and microscopic work
6. Laboratory experiments and field studies
7. Research projects
8. Student presentations
9. Field trips
10. Outside reading
11. Writing Assignments

TYPICAL UNIT SCHEDULE:

As you look at the complete syllabus, a typical unit (1-17) will cover a **two week** period in the format below:

Monday	Tuesday	Wednesday	Thursday	Friday
Lecture	Lecture	Lecture	Lab 6 th Lab 9th	Lab, Other
Review, Lab Due	Lecture	Lecture, Other	Lecture, Lab (6&9), Other	Unit Test

REQUIREMENTS AND GRADING:

1. Your grade for each nine weeks will be based upon a total point system. Because the activities offered during a grading period will vary, the breakdown and total points will also vary.
2. Honors classes are weighted by an addition of 1.0 grade point that will influence the cumulative GPG.
3. If you are absent, all missed assignments must be made up immediately.
This is exclusively the student's responsibility:
 - a. Get missed notes from a fellow student(s)
 - b. Get any missed handouts, assignments, or project information from the teacher.
 - c. Make up and turn in any homework, quizzes, test, labs, or projects that were due while you were gone.
 - d. Stay up with the reading of text book
4. The listing of grade points below will server as a general guideline and not a complete standard.
 - a. Test = 100 points
 - b. Quizzes = 10 points
 - a. Large papers and projects = 100 points
 - b. Shorter papers and projects = 30-50 points
 - c. Lab experiments = 30 – 50 points
 - d. Homework assignments = 10-20 points
 - e. Book reports 50 points
5. As in any class you understand the Biblical principles of being honest in all school work and that cheating takes on many forms. As a student you must:
 - a. Do your own work and use your own mind.
 - b. Understand the rules to avoid plagiarizing research from books and the internet.
 - c. Understand that here is a zero tolerance policy regarding cheating or plagiarizing on: writing, research, homework, tests, labs, or quizzes. These matters will be dealt with severely.