

ADV. BIO. EXPECTATIONS

UNDERSTOOD RULES

Respect Yourself.
Respect Your Classmates.
You are here to challenge yourself at a college level.
You **Must** be ready to start class as soon as the bell rings.

CLASSROOM RULES

On Task.
Keep everything moving in a **POSITIVE DIRECTION**.
Be a **ROLE MODEL** to **RECYCLE**.

ABOUT THE CLASS

Exams will be mostly multiple choice.

Monthly **Research** summaries on present topics.

A couple/several fieldtrips which will **require** upper classmen and women input and participation.

Without reading the material and taking good notes this class will be impossible.

You will have to learn to manage your time to be successful in this class.

Late work is not accepted.

MY GOALS

Help prepare you for a college level, content based class.

Help you communicate better in an educated world--express yourself through clear and definite means (writing and speaking).

Using this class, you should gain a greater appreciation for God's miracle of creation.

YOUR GOALS?

Grading Scale for Adv. Bio	
85-100	A
80-85	A-
77-80	B+
73-77	B
70-73	B-
65-70	C+
60-65	C
55-60	C-
51-55	D+
49-51	D
48-49	D-

ADVANCED BIOLOGY OUTLINE

*** This is subject to change to accommodate the class or current events or other reasonable circumstances.

- I. Origins
- II. Chemistry of Life/Water
- III. Cell Anatomy and Physiology
- IV. Photosynthesis
- V. Cellular respiration

End of First Semester

- VI. DNA
- VII. Protein synthesis
- VIII. Heredity
- IX. Human Anatomy and Physiology
 - A. All systems
 - B. Dissection

Two different novels will be read, one each semester.

1. First Semester: Mairer, Paul. *A Skeleton in God's Closet*, West Bow Press, 2004. It relates as we discuss the evaluation of the evidence as it relates to the truth.
2. Second Semester: Huxley, Aldous. *A Brave New World*, Harper & Row, 1969. It relates as we discuss genetic engineering.

First semester final will be traditional.

Second semester final will be a research review paper.

The subjects and chapters can flex based on the interests of the students any given year.