

# Biology

**Instructor:** Earl Sack

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**Text:**

Exploring Creation with Biology, 2<sup>nd</sup> Edition by Dr. Wile ([www.apologia.com](http://www.apologia.com)) and the companion solutions guide/test booklet.

\*\*\*PLEASE NOTE: Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the 2nd edition\*\*\*

**Objective:**

This is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation.

Along with lecture, there will be laboratory experiments to provide hands on reinforcement of concepts presented during lecture.

**Class Fee:**

\$50 lab fee to cover all materials used during labs

**Grades:**

10% based on On Your Own Completion (questions found in the reading)

30% based on Study Guide completion (questions found in reading)

30% based on Module Tests (16 tests total)

30% based on Lab Reports

**Grading scale:**

90-100% = A

60-69% = D

80-89% = B

>60% = F

70-79% = C

**Policies:**

This is an academic class and as such, there is a large amount of reading to keep up with as well as the homework. Students will be expected to spend between 30 minutes to 60 minutes daily in order to stay on track with the work load. Late work is not accepted without prior instructor approval.

**Materials needed for class:**

- 3 paper notebook folders with metal clasps for holding papers
- A 3 ring binder with 4 dividers