

Welcome to AP Biology

2005-2006



We're going to work hard & have fun!

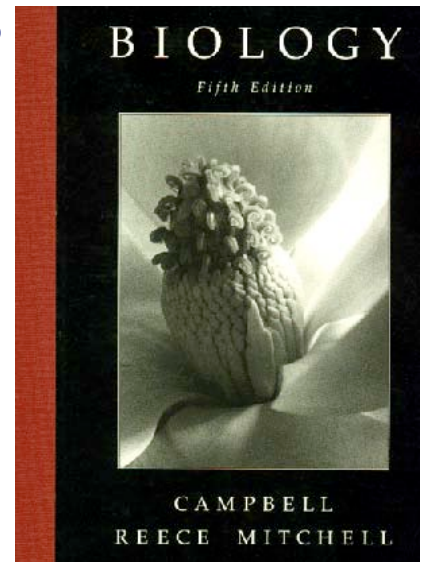


What to expect...

- **AP Biology is equivalent to a college Introductory Biology course for majors**
 - ◆ 2 semester course with lab
- **Invest your time**
 - ◆ expect to spend 5-10 hours each week working on biology outside of class
 - ◆ you must do the reading!
- **Lecture-based course**
 - ◆ a lot of material to cover in too little time

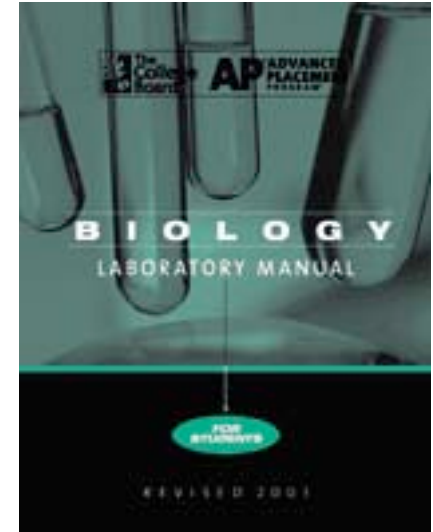
Supporting resources

- To help you learn & understand the material, you will have...
 - ◆ lecture slides
 - ◆ lecture review worksheets
 - ◆ chapter study questions
 - ◆ practice MC questions & essays
 - ◆ BiologyZone Web site:
bio.kimunity.com
 - ◆ text: Campbell 5th ed. with CD



AP Biology is Laboratory course

1. Diffusion & Osmosis
2. Enzyme Catalysis
3. Mitosis and Meiosis
4. Plant Pigments & Photosynthesis
5. Cell Respiration
6. Molecular Biology
7. Genetics of Organisms
8. Population Genetics & Evolution
9. Transpiration
10. Physiology of the Circulatory System
11. Animal Behavior
12. Dissolved Oxygen & Primary Productivity



Lab Reports

- **Title**
- **Purpose**
- **Hypothesis**
- **Variables**
- **Experimental design**
 - ◆ **procedures**
- **Data**
- **Conclusions**

How do I do well?

■ Exams

- ◆ practice questions at end of chapter
- ◆ practice questions on CD
- ◆ practice questions on Biology Place
 - www.phschool.com/science/biology_place/

■ Essays

- ◆ based on themes & concepts
- ◆ answer with concise facts

How do I do well? (cont.)

- **Labs**
 - ◆ lab reports
 - ◆ lab quizzes
- **Homework & Class work**
 - ◆ lecture review worksheets, study guides
 - ◆ completed work raises your grade!!
- **Team work**
 - ◆ study groups are encouraged
- **Individual responsibility**
 - ◆ do your own work on time!!



Any Questions??