

# Biology 1A/B

## Mr. Musella

**Overview:** This course is designed to meet the “F” entrance requirement for the UC school system. This course will cover all required California State Content Standards. This course will promote interest in science through lecture, demonstration, laboratory exercises, integration of technology and group assignments. Learning will take place through teacher/class discussions, reading of the textbook, taking notes, laboratory investigations, videos, computer activities, quizzes and tests. This course is designed as a rigorous study of life and life systems.

**Textbook:** Biology. Prentice Hall, 2007.  
**Website:** <http://staff.hartdistrict.org/dmusell/>

### **Grading:**

90%-100% = A  
80% - 89 = B  
70% - 79% = C  
60% - 69% - D  
Below 59 = F

#### **Grade Distribution (Approximate values):**

Chapter Tests:	19%	2	@ 500 pts ea.	total = 1000
Quizzes:	22%	4	@ 300 pts ea.	total = 1200
Labs:	11%	20	@ 30 pts ea.	total = 600
Workbook:	6%	7	@ 50 pts ea.	total = 350
Notes:	4%	7	@ 30 pts ea.	total = 210
Assignments/Activities:	19%		as assigned...	total = 1000
Final:	19%	1	@ 1000 pts ea.	total = 1000
Approx. total points = 5360 pts. per semester				

Academic Dishonesty - includes any action by a student to knowingly falsify or wrongly elevate ones own or another student's grade. Student(s) will receive a score of zero for any assignment in such instances.

### **Course Outline:**

#### **Bio 1A**

Intro: 2 weeks

1-1, 1-3

2-3 - **Quiz**

Ecology: 7 weeks (12%)

3-1, 3-2, 3-3

4-1, 4-2, 4-3, 4-4 - **Quiz**

5-1, 5-2, 5-3

6-1, 6-2, 6-3, 6-4 – **Test**

Evolution: 3 weeks (15%)

15-1, 15-2, 15-3

16-1, 16-2, 16-3 - **Quiz**

17-1, 17-3, 17-4

18-2 - **Test**

Cell Functions: 5 weeks (15%)

7-1, 7-2, 7-3, 7-4 - **Quiz**

8-2, 8-3

9-1, 9-2

Finals: 1 week - **Final**

## **Bio 1B**

Genetics: 9 weeks (32%)

11-1, 11-2, 11-3, 11-4, 11-5 - Quiz

12-1, 12-2, 12-3, 12-4, 12-5 - Test

13-1, 13-2, 13-3, 13-4 - Quiz

14-1, 14-2, 14-3 - Test

Human Phys.: 6 weeks (17%)

35-1, 35-2, 35-3

36-1, 36-2, 36-3 - Quiz

37-1, 37-3

38-2, 38-3

39-1, 39-2

40-1, 40-2, 40-3 - Quiz

STAR Testing: 1 week

Kingdoms/Dissections: 3 weeks

Finals: 1 week – Final

## **Classroom Rules:**

1. Be an *Active Learner*.
2. No food in the classroom.
3. No music devices, headphones or cell phones.
4. Follow guidelines of common courtesy.

## **Classroom Procedures:**

1. Class begins at the scheduled time.
2. Chapter workbook pages and notebooks are due on the day of the **Quiz/Test**.
3. Flash Cards can be used on Quizzes/Tests. Random checks for completion of flash cards will be rewarded with extra credit.
4. Notes and warm-ups are to be completed in the spiral-bound notebook.
5. Assignments/projects are assigned and due as directed by the teacher. See homework calendar on my website.
6. Late work is accepted until the day of the quiz/test. It will be assessed a point value of half its original value.
7. Keep all returned papers until final grades are posted.

## **Materials:**

1. Several pens/pencils (pencils are required on testing days)
2. Spiral notebook for notes.
3. Lined paper (separate from the spiral notebook).
4. Colored pencils (24 count) - \*optional

## **Replacement Costs:**

Students are responsible for any school items that become lost or damaged.

Textbook = \$100.00

Workbooks = \$10.00

Lab Equipment = Current price in Flynn Catalog + S & H

