

## Principles of Biology – Course No. 78067 Summer 2008

**Location:** Reedley College – LFS 11

**Dates and Times:** MTWTh; 6:00 pm – 8:30 pm

**Instructor:** Ms. Amanda Crump

**Email:** amanda.crump@reedleycollege.edu

**Phone:** 559-638-3641 ext. 3849

**Office Hours:** Before and After Class or by arrangement

### **Course Description:**

This course is recommended for the pre-professional and life science majors. It fulfills the prerequisite for Biology 20 (and is recommended for Biology 4 and 6). Topics covered include the cellular and chemical basis of life, organ systems, genetics, evolution and the origin of life, ecology and environmental concerns.

**Prerequisites:** MATH 103, **Basic Skills Advisories:** Eligibility for ENGL 125 and ENGL 126, H.S. Biology or H.S. Chemistry.

### **Class Rules:**

The teacher and the class will make every attempt possible to make this course a positive and fruitful learning experience. We will treat each other with respect. We will cooperate in the learning process. We will attend to problems or miscommunication as quickly as possible.

### **Attendance:**

You should attend all class and lab sessions. There are no excused absences except as defined in the Reedley College Catalog. If you think you will have an excused absence, you must contact the instructor **prior** to the missed class.

If you are absent more than five hours during the semester, you may be dropped from the class. If you are absent more than ten hours, you will be dropped from class. If your eleventh hour of absence occurs after the last day to drop, your final point total will be lowered by 25 points for each absence. If you are absent for two consecutive weeks before the drop deadline, you will be dropped from the class. Hours absent include leaving class early. Please see "Spencer's Rule" below for other attendance policies.

### **Tardiness:**

Tardiness is very disruptive to the learning process. Therefore, three tardies equal one class absence. In the event that you are late, please enter quietly and find a seat. If this will be disruptive, please sit near the door.

### **Make-ups and Late Assignments:**

Make-up exams and assignments will not be given. The only exception is for pre-arranged or excused absences. If they are given, make-up exams and assignments will be very, very difficult. Therefore, you are encouraged to attend all classes and turn in work on-time. Late assignments will not be accepted.

**Books and Other Required Materials:**

1. The textbook and laboratory manual are available in the book store. The required text and lab manual is Biology (8<sup>th</sup> or 9<sup>th</sup> edition) by Sylvia S. Mader.
2. To take tests, you will need scantrons that are available from the bookstore. You will be told which scantron to bring before each test.
3. You will need to purchase 6 to 8 sheets of Biology drawing paper from the bookstore to complete the "plates".
4. Lab assignments will be posted on Blackboard. You are expected to print these assignments and complete them in class. I will accept the assignment on a clean, neat sheet of paper if you are unable to print them.

**Blackboard/WebGrade:**

I will post the syllabus, learning tools, laboratory assignments, extra readings, notes, PowerPoint slides, and other materials on Blackboard. In Blackboard, you will be able to view your grade and attendance record by clicking on "Tools" and then "My Grades".

**Grading:**

- A = 90-100% (927 and above)
- B = 80-89% (824 to 926.9)
- C = 70-79% (721 to 823.9)
- D = 60-69% (618 to 720.9)
- F = Below 60% (below 618)

Lecture Exams	2 @ 150 pts.	300
Final Lecture Exam	1 @ 250 pts.	250
Misc. Assignments and Quizzes	8 @ 10 pts.	80
Plates	6 @ 10	60
Lab Exams	2 @ 75	150
Lab Assignments (there are 11 but you can drop 1)	10 @15 pts.	150
Participation	40 pts.	<u>40</u>
	<b>Total Points</b>	<b>1030</b>

Lecture outlines and pictures will be posted on Blackboard after each class lecture. Please take notes during lecture as not all information will be posted. In general, lectures will proceed in the order that is in the book. Lecture exams will consist of multiple choice, fill-in-the-blank, true and false, short answer, matching, and essay questions. The two regular lecture exams are not comprehensive.

The final lecture exam will be comprehensive with the majority of the points given for lectures after the second lecture exam. The final exam format will be similar to the lecture exams but will feature more essay questions and will have a study guide.

Miscellaneous assignments and quizzes will be given throughout the summer without notice at the rate of approximately one per week.

Plates are drawings on Biology drawing paper. Artistic quality is not important but accuracy and labeling is. Prior to the first plate assignment, an example of a lab plate will be given to you.

Lab Exams are not comprehensive but are hands-on exams where you will be asked to perform or understand a task that we completed in lab. The last lab exam is given during the final exam but is not comprehensive.

Laboratory assignments will consist of worksheets, scientific lab reports, lab book questions, and other written questions. The lab assignments are located on "Blackboard" under "Course Documents". You are expected to print these before the lab. Lab assignments are due two class periods after the lab.

Participation points will be given for participation in lecture and lab as well as attendance and promptness. Approximately one participation point is earned during each class period with 8 points being exclusively up to the teacher.

You may check your point totals on "Blackboard" under "Tools/My Grades". Please be aware of your score. Grades will not be shifted at the end of the semester and your grade is based on the points you earn regardless of how close they are to a higher grade.

**Extra Credit:**

Extra credit will not be offered. Do not ask if you can do extra credit to improve your grade, the answer will be no.

**Other Concerns:**

**Spencer's Rule:** Ringing cell phones and pagers and text messaging during class will not be tolerated. If your phone or pager rings or you send a text message during class, you will be asked to leave and an absence will be added to your record.

Accidents/incidents should be reported to the instructor immediately.

Cheating and plagiarism will not be tolerated and will be dealt with according to the college policy.

No visitors (not even children) are allowed in class.

No smoking, eating, and drinking in the classroom. Treat the classroom with respect and return it to the normal state at the end of each class.

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

**How to do well in this class:** Take notes, read the chapters, participate in lab, complete assignments, attend class, focus on your learning style when you study, ask the teacher if you have questions...

**Schedule\*:**

<b>Date</b>	<b>Activity/Assignment (Assignments and Tests are in BOLD)</b>
Monday, June 9	Lecture
Tuesday, June 10	Lecture
Wednesday, June 11	Lab – <b>Lab Assignment 1</b>
Thursday, June 12	Lecture
Monday, June 16	Lab – <b>Lab Assignment 2</b>
Tuesday, June 17	Lecture
Wednesday, June 18	Lecture – <b>Plate 1 Due</b>
Thursday, June 19	Lab – <b>Lab Assignment 3</b>
Monday, June 23	Lecture
Tuesday, June 24	Lab – <b>Lab Assignment 4</b>
Wednesday, June 25	<b>Lecture Exam #1</b>
Thursday, June 26	Lecture
Monday, June 30	Lab – <b>Lab Assignment 5</b>
Tuesday, July 1	Lecture – <b>Plate 2 Due</b>
Wednesday, July 2	Lecture
Thursday, July 3	<b>Lab Exam #1</b>
Monday, July 7	Lecture
Tuesday, July 8	Lab – <b>Lab Assignment 6</b>
Wednesday, July 9	Lecture – <b>Plate 3 Due</b>
Thursday, July 10	Lab – <b>Lab Assignment 7</b>
Monday, July 14	<b>Lecture Exam #2</b>
Tuesday, July 15	Lab – <b>Lab Assignment 8</b>
Wednesday, July 16	Lecture – <b>Plate 4 Due</b>
Thursday, July 17	Lecture
Monday, July 21	Lab – <b>Lab Assignment 9</b>
Tuesday, July 22	Lecture – <b>Plate 5 Due</b>
Wednesday, July 23	Lecture
Thursday, July 24	Lab – <b>Lab Assignment 10</b>
Monday, July 28	Lecture – <b>Plate 6 Due</b>
Tuesday, July 29	Lab – <b>Lab Assignment 11</b>
Wednesday, July 30	Lecture
Thursday, July 31	<b>Final Lecture Exam and Lab Exam</b>

\*The schedule is tentative and can be changed by the instructor without notification.