

GENERAL BIOLOGY II (Bio 182) SYLLABUS AND COURSE OUTLINE Scottsdale Community College, Fall Semester 2006

Instructor: Dr. John Weser

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Laboratory: LS133

Office Hours: LS 102

Monday 11:00 – 12:00	Tuesday 4:30 – 5:30	Wednesday 11:00 – 12:00	Thursday 9:00 – 10:00	Friday By appointment
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Course Description:

Additional principles of structure and function of living things at molecular, cellular and organismic levels of organization. Field trips may be required at students' expense. *Prerequisites:* BIO181 or permission of instructor. 4 credits.

Text: *Life 7th Edition.* Purves W.K., D. Sadava, G. Orians, and H.C. Heller. 2004. Sinauer Associates, Inc., Sunderland, MA.

Testing and Grading Policies

Midterm Examinations.

- Number of examinations* : 3
- Value* : 100 points each
- Number of questions* : Approximately 50-65 per exam.
- Dates of examinations* : See Lecture Schedule
- Format* : Multiple choice, matching, true/false, problems and essays.
- Material covered* : Current unit (see schedule).

Exams focus on concepts developed in lecture. Only a small portion of each exam will test your ability to memorize. Most questions are designed to test your ability to reason, synthesize ideas and solve problems.

If you anticipate being absent for an exam and inform me at least one week in advance of the scheduled exam date, I can arrange for you to take it in the testing center before the scheduled time. ***Make-up essay examinations will be provided to students with excused absences.***

Lecture Assignments

Several in-class assignments will be given throughout the course of the semester. These include quizzes, problems, a comprehensive review assignment and other activities. These assignments (with the exception of quizzes and the review assignment) cannot be made up.

Laboratory.

The laboratory is designed to introduce you to important biological research techniques and is absolutely central to your training. Since organization, neatness and attention to detail are critical to successful biological research, you will be graded on these qualities. **There are absolutely no make-up labs.** If a student misses more than two labs, that student may be assigned a failing final grade and/or withdrawn from the course at the instructor's discretion.

Journal Articles (20 pts each).

During the semester you will be assigned to read 2 primary journal articles. You are required to answer a number of specific questions about each article. Assignments are due on the dates assigned and at the beginning of lecture.

Grading Summary. Your grade in Bio 182 is determined entirely by the number of point you earn. In summary, the total points available in this class are the following:

3 lecture examinations	300 points
3 Lecture Quizzes	30 points
Lecture review assignment	40 points
2 Laboratory Practical	150 points
Lab Project	75 points
Lab-Assignments/Quizzes (12 labs @ 10 points each)	120 points
Journal Articles	40 points
Miscellaneous Lab/Lecture	<u>10-100 points</u>
Total*	690-790 points

Grading Scale	
% of TOTAL	Grade
90-100	A
80-89	B
70-79	C
60-69	D
<60	F

*Approximate. Varies slightly from semester to semester

Remarks:

1. Attendance policy:

You are required to attend lecture, laboratories and any field trips for full credit. Attendance in lecture is defined as follows: **arrival to class prior to the scheduled starting time and continuous participation in the class until at least the scheduled finishing time every day the class is scheduled to meet. Laboratory attendance is mandatory.**

2. Excused absences:

An absence is considered excused if it is a documented official absence (absence for a school function, verified with an official absence verification card), an absence for a religious holiday provided that the student submit to me, no later than one week in advance, a written statement including the date of the holiday and the reason why attendance to class is impossible, or an absence due to injury, sickness or loss of a relative, given proper documentation is provided (note from the physician, or copy of the death certificate). Any other absence, or an absence without documentation, is unexcused.

3. Withdrawal policy:

The following is the withdrawal policy for all courses with a BIO prefix:

*Upon request, an instructor will withdraw a student through the first 10 weeks with a grade of "W." After the 10th week, an instructor will withdraw the student with a grade of "Y" unless the student is passing. Withdrawals **will not be issued** after the date identified as the "Last Day Withdrawal Accepted" indicated in the SCC General Catalogue (usually the 14th week of school).*

If you withdraw, you are responsible for filling out all necessary paperwork. See dates for unrestricted and restricted withdrawal listed above.

4. Incompletes:

The following is the policy covering assignments of *incomplete* for all courses with a BIO prefix:

*A grade of "I" may be assigned at the end of the semester to a student who has completed at least **80% of the required coursework, is passing, and is unable to complete the remaining coursework due to illness or other circumstances beyond the student's control.** If approved by the instructor, the student and instructor will fill out the Incomplete contract, which will specify the work that needs to be done and the deadline for completion (not to exceed 7 months). A student **WILL NOT** re-register for the class in order to remove the grade of "I."*

5. Academic dishonesty:

Cheating, including but not limited to copying another student's work and/or plagiarism of published literature, will certainly not be tolerated. A first offense will result in earning 0 points for the associated exam/quiz/assignment and a report to the Vice President of Instruction. A second offense will result in the student failing the course.

6. Laboratory safety:

The laboratory is designed to be safe and to use mostly materials that are commonly found in grocery stores. However, if you have a special health concern, especially if you are pregnant or

suspect you might be pregnant, please consult your physician before attending the laboratory. Provide your physician with this syllabus and laboratory schedule, and we will provide him or her with a list of materials used in each laboratory as soon as we are contacted by his or her office.

7. Special services:

Any student with special learning needs should contact Special Services Office on campus. Also, please inform me of any particular help you may need.

8. Cell Phones & Pagers. Please be courteous and set cell phones and pagers to vibrate or turn them off during class. You may not use or take out a cell phone during a quiz or exam; failure to do so will lead to a zero for that assignment.

9. Student Conduct

Each **student** is expected to be courteous, respectful, and empathetic to classmates and instructors, and will:

- *Be in class, on time and prepared for each class session*
- *Follow instructions and complete assignments on time*
- *Study hard and put forth your best effort*
- *Ask questions when you don't understand*
- *Keep track of your grade status*
- *Contact instructor right away regarding situations that may interfere with your performance*
- *Comply with policies found in the College catalog and student handbook*

10. My role as an instructor is to select information and activities that will assist you in developing the knowledge and skills to succeed in this course and others. Ultimately, what you gain by taking this course, and how it benefits you down the road, depends on your efforts. Finally, please realize that I am here to help you in the learning process and I will do my best to:

- Encourage a positive learning environment for the class*
- Begin and end class on time and be prepared for each class session*
- Provide academic feedback and grade assignments in a timely manner*
- Be available to meet individually with the students*
- Clearly state assignments and inform students of any changes to the class schedule*