

**Biology 102A** **General Biology 2** **spring 2006****Times: MWF 9:30 -10:20 Location: Proctor West 109****Dr. Calhoun Bond.** Office: Proctor East Rm. 204**Hours:** 10<sup>30</sup>- 11 am MWF; 10-11<sup>20</sup> am TTh; 3<sup>30</sup>- 4<sup>30</sup> pm W, and by appointment.

on-campus phone : 272-7102, ext. 353 (home phone (for emergencies): \_\_\_\_\_)

email: [bondc@gborocollege.edu](mailto:bondc@gborocollege.edu) web site: <http://www.gborocollege.edu/~bondc/>**Texts:** *Biology: Concepts and Connections*, by Campbell *et al.* , 2000 (4<sup>th</sup> edition)

**Grading:** 3 Lecture Exams, 100 pts. each: 300 pts. The final grade will be based on  
 1 Final Exam (part comprehensive): 150 pts. the percentage of points accumulated  
 450 pts from a possible total of 450 pts.  
 (For example: 360/450= 80 or 80%= B grade)  
 (Grade can be enhanced by improvement).

**Lecture SCHEDULE:** (subject to change)

<u>week</u>	<u>topic</u>	<u>chapters</u>
1/9-13	Biomolecules, Cells, & Chromosomes	1, 3, 4
(1/16: MLK BIRTHDAY; NO CLASS)		
1/17-20	Mitosis & Meiosis	8
1/23-1/27	Mendelian or Classical Genetics	9
1/30-2/3	Genes and Inheritance Patterns	9
***Fri. 2/3: EXAM 1***		
2/6-10	DNA Structure & Gene Expression	10-11
2/13-17	Genes and Biotechnology	11-12
2/20-24	Evolution by Natural Selection, Speciation	13-14
2/27-3/3	Speciation & Macro-evolution	14-15
***WED. 3 / 1: EXAM 2***		
(3/4-12: SPRING BREAK)		
3/13-17	The <b>Six</b> Kingdoms; Prokaryotes & Protists	16
3/20-25	Plant & Fungi Diversity	17
3/27-31	Animal Diversity	18-19
4/3-7	Ecology: Biomes, Communities	34
(WED. 4/5: ASSESSMENT DAY, NO DAY CLASSES)		
*** FRIDAY 4 /7: EXAM 3 ***		
4/10-12	Populations, Communities & Ecosystems	36-37
(4/14: GOOD FRIDAY; NO CLASS)		
4/17-21	Ecosystem Cycles, Conservation	37-38
4/24	Review	
*** FINAL EXAM: TBA ***		

**Attendance Policy:**

1) Good course performance is highly unlikely without good course attendance. ***Excessive absences are to be avoided if you want to succeed in this course.*** I will take attendance periodically. Attendance in lecture is expected. Unexcused absences from scheduled tests should be avoided. **Do not schedule other commitments during test periods.**

2) If you *have* to miss any class exam due to sickness or serious emergency or an Official College Function, **please contact me AS SOON AS POSSIBLE** (preferably at least ten days *BEFORE* the possible conflict) so that a makeup may be set up. The sooner I hear about a conflict, the better I feel about arranging a make-up (if the conflict meets the above conditions).

3) If possible, when dealing with upcoming schedule conflicts, it is much better in this course to ask for prior permission (“*May I take next month’s exam early because...*”) than it is to ask for subsequent forgiveness (“*I’m sorry, but I missed the exam because...; can I take it next week?*”).

4) **Make-up exams should occur within seven days of the original exam date.** Any missed exam that is not rescheduled will get a zero grade (which will not be dropped).

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**General Education Objectives**

This course fulfills the following GenEd objectives:

*All students should learn to...*

reason to reach logical conclusions. (objective #4)

think critically about ethics and values. (objective #6)

analyze numerical data critically. (objective #7)

explore and understand the natural world in a scientific fashion ((objective # 10)

**Teacher Certification**

Biology teacher certification majors should save at least one example of their work in this course for inclusion in their teaching portfolios. For more information, contact Prof. Marjorie Larkin (ext. 364)