

BIOLOGY 1012 – GENERAL BIOLOGY II Main Campus – SPRING 2013

Lecturer: Dr. S. Love

Office: BL 248-N **Phone #:** (215) 204-5996

Office Hours: Monday 2:00-3:00 PM or by appointment

E-mail: slove@temple.edu ***Please send e-mail only through your Temple e-mail account!!**

Also, be sure to put "BIO 1012" as the SUBJECT of your e-mail and always include YOUR NAME (first & last), TUID number, and section # within your e-mail.

(Note: I will not open e-mail's that have "no subject" - please remember to include one.)

Lecture days/times/room: M / W / F, 12:00-12:50 PM, in Gladfelter Hall, Room 13 (GH13)

Course Overview:

Biology 1012 (General Biology II) is an introductory course intended for non-biology majors. Topics include biomolecules, enzymes, cellular respiration, cell division, and genetics.

This course has two components – **lecture and laboratory**. Both of these are required to be taken simultaneously in order to receive a grade for the course. The lecture portion is worth 70% and the lab portion is worth 30% – you will receive only one grade for the entire course.

Course Materials: (Purchase @Temple University Bookstore unless specified otherwise)

- Textbook-** Campbell Biology: Concepts & Connections, 7th edition, Binder-Ready Book Plus MasteringBiology® by Reece, Taylor, Simon, & Dickey (ISBN: 0321783468)
- Laboratory Manual-** Biology Lab Manual, 11th edition, by Sylvia Mader (ISBN: 978-0-07-747971-8)
- CST Laboratory Safety Manual** (Purchase @Ritter Copy Center, Room 234)
- Safety Goggles** (not safety glasses!)

Grading and Assessments:

The assessments for the lecture component will include **three multiple-choice exams** as well as **online homework assignments**. Each exam will account for 20% of your course grade and will not be cumulative. The homework assignments will account for 10% of your course grade and your two lowest homework scores will be dropped. Letter grades will not be assigned during the course of the semester. The grades for this course are not curved. NOTE: Students who are having difficulties with the material are encouraged to come to office hours (sooner rather than later!) so we can discuss strategies for improvement. There are no extra-credit assignments available at any time during the semester.

All exams must be taken in class as scheduled. There are no make-up exams available. If you miss an exam and have a legitimate excuse (i.e., medical, legal), you will need to provide written documentation in order to have your grade prorated. Failure to provide appropriate documentation within one week of your return to school will result in a grade of "zero" for the missed exam. In-class activities cannot be made up outside of class or during subsequent class periods.

Students are expected to adhere to the University's Student Code Of Conduct. Cheating in any form will not be tolerated! See http://policies.temple.edu/getdoc.asp?policy_no=03.70.12 for a complete description of this policy.

Disabilities: Any student who has a documented need for accommodation should submit the requisite paperwork from the **Office of Disabilities Resources and Services (DRS)**, located in 100 Ritter Annex) as soon as possible so that appropriate arrangements can be made.

MasteringBiology:

MasteringBiology® is an online resource offered by the publisher (Pearson) in conjunction with the Campbell Biology: Concepts & Connections, 7th ed. textbook. Each student must register for MasteringBiology online at www.masteringbiology.com. Your textbook will come with a unique code for your exclusive use throughout the course. Homework will be assigned only through this online MasteringBiology Course. The course title is: **BIO1012-Spring 2013-Love** and the course ID number is: **MBLOVE46565**. Detailed instructions for enrolling in MasteringBiology are included at the end of this syllabus. **NOTE:** When registering for MasteringBio online, please be sure to enter your **name (first & last) as it appears on your Temple records** and use only the **9-digit Temple ID number** shown on your TU Owlcard (not your accessnet login for e-mail).

If you have never used MasteringBiology, you can view a tutorial online after signing into your account. The first MasteringBio-Homework will be available during the first two weeks of the semester. It is a short assignment from the publisher to help familiarize you with the types of activities and questions you will see. It does count as part of your grade, so don't skip it!

Please note: **Technical Support for MasteringBiology: 1-877-672-6877**

If you contact Tech Support for assistance, be sure to get an **incident #** so your case can easily be followed. Also, because MasteringBiology assignments will be available to you for several days, it is always in your best interest to complete the assignments well before they are due.

For the record...it is NOT possible for the computer to “eat” your homework, ever!

If you do the work during the time it is intended to be done, you should not encounter any difficulties. If you wait until just before the deadline, you are likely to get kicked out of the assignment before completing it, and if that happens, you will not receive credit for your work. In the interest of fairness to those who get their work done on time, I will not extend MasteringBio homework deadlines for any reason, so plan ahead!

Blackboard:

Students must have an active Temple e-mail account in order to be able to access course materials on Blackboard.

Announcements which are posted on Blackboard will normally be e-mailed to the class as well. These include, but are not limited to: information about upcoming exams/assignments, notification regarding material that is posted for students to read/review, and inclement weather-related updates with any resulting schedule changes.

PowerPoint presentations will be posted on Blackboard, but not until after the material has been covered in lecture.

Note: There are two separate Blackboard sites for this course - one is for lecture, the other is lab.

- 1) “**Bio 1012-Lecture-Spring 2013**” is only for lecture-related materials;
- 2) “**General Biology II Lab-Spring 2013**” is only for lab-related materials.

Common Courtesy:

Class participation in terms of discussions during group activities and asking questions for clarification is encouraged and will likely enhance your lecture experience. However, whispered, private conversations between students are generally distracting and disruptive to other students and to the instructor – please refrain from doing so! In consideration of those around you, please silence and put away all electronic devices – i.e., cell phones, laptop computers, ipads, headphones, beepers, ipods, etc. during class – no exceptions!!

Tentative Syllabus: subject to revision, as needed

Day/Date	Lecture Topics	Campbell Biology: C&C, 7th Ed.
W - 1/23 F - 1/24	Introduction, Science of Biology “	Chapter 1
M - 1/28 W - 1/30 F - 2/1	The Chemical Basis of Life “ “	Chapter 2
M - 2/4 W - 2/6 F - 2/8	Biological Molecules <i>(**Last day to drop course)</i> “ “	Chapter 3
M - 2/11 W - 2/13 F - 2/15	Cell Structure “ “	Chapter 4
M - 2/18	➤EXAM #1	
W - 2/20 F - 2/22	Animal Tissues “	Chapter 20 (pp. 412-418)
M - 2/25 W - 2/27 F - 3/1	The Working Cell: Enzymes “ “	Chapter 5
M - 3/4 W - 3/6 F - 3/8	The Working Cell: Diffusion & Osmosis “ “	Chapter 5
M - 3/11 W - 3/13 F - 3/15	<i>SPRING BREAK - NO CLASSES</i> “ ” “ “ “ ” “ “	
M - 3/18 W - 3/20 F - 3/22	Cellular Respiration & Fermentation “ “	Chapter 6
M - 3/25 W - 3/27 F - 3/29	**NO CLASS <i>(**Last day to withdraw- 3/26)</i> Cell Cycle & Mitosis “	Chapter 8 (pp. 124-136)
M - 4/1	➤EXAM #2	
W - 4/3 F - 4/5	Molecular Biology of the Gene “	Chapter 10 (pp. 180-199)
M - 4/8 W - 4/10 F - 4/12	“ Meiosis “	Chapter 8 (pp. 136-148)
M - 4/15 W - 4/17 F - 4/19	Meiosis (cont'd.) “ Patterns of Inheritance: Genetics	Chapter 8 (cont'd.) Chapter 9
M - 4/22 W - 4/24 F - 4/26	“ “ How Genes Are Controlled	Chapter 11
M - 4/29 W - 5/1 F - 5/3	“ DNA Technology & Genomics “	Chapter 12
M - 5/6 W - 5/8	Topic TBD <i>(Last Day of Class)</i> **NO CLASS - STUDY DAY	
M - 5/13	➤EXAM #3 at 10:30 AM-12:30 PM	(FINAL EXAM WEEK)

Dear **BIO 1012-Spring 2013** Student:

In this course you will be using MasteringBiology™, an online tutorial and homework program that accompanies your textbook.

What You Need:

- ✓ **A valid Temple email address**
- ✓ **A student access code** (Comes in the Student Access Kit that may have been packaged with your new textbook or is available separately in your school's bookstore. Otherwise, you can purchase access online at www.masteringbiology.com.)
- ✓ **The ZIP code for your school: 19122**
- ✓ **A Course ID: MBLOVE46565**

Register

- Go to www.masteringbiology.com and click **New Students** under Register.
- To register using the Student Access Code inside the MasteringBiology Student Access Kit, select **Yes, I have an access code**. Click **Continue**.

–OR– **Purchase access online:** Select **No, I need to purchase access online now**. Select your textbook and whether you want to include access to the eBook (if available), and click **Continue**. Follow the on-screen instructions to purchase access using a credit card. The purchase path includes registration, but the process may differ slightly from the steps printed here.

- **License Agreement and Privacy Policy:** Click **I Accept** to indicate that you have read and agree to the license agreement and privacy policy.
- Select the appropriate option under "Do you have a Pearson Education account?" and supply the requested information. Upon completion, the **Confirmation & Summary** page confirms your registration. This information will also be emailed to you for your records. You can either click **Log In Now** or return to www.masteringbiology.com later.

Log In

- Go to www.masteringbiology.com.
- Enter your Login Name and Password and click **Log In**.

Enroll in Your Instructor's Course and/or Access the Self-Study Area

Upon first login, you'll be prompted to do one or more of the following:

- Enter your instructor's MasteringBiology Course ID (see above).
- Select your text (**Campbell Biology: Concepts & Connections, 7th ed.**) and **Go to Study Area** for access to self-study material.
- Enter a Student ID. Your instructor *may* request that you enter a special Student ID for this course. If so, be sure to enter this information EXACTLY as instructed.

Click **Save** and **OK**.

Congratulations! You have completed registration and have enrolled in your instructor's MasteringBiology course. To access your course from now on, simply go to www.masteringbiology.com, enter your Login Name and Password, and click **Log In**. If your instructor has created assignments, you can access them by clicking on the **Assignments** button. Otherwise, click on **Study Area** to access self-study material.

Support

Access Customer Support at www.masteringbiology.com/support, where you will find:

- System Requirements
- Answers to Frequently Asked Questions
- Additional contact information for Customer Support, including Live Chat