

BIOLOGY 101: Humankind in the Biotic World – FALL 2009

Sections 009-016; MWF 09:05-09:55; Alumni Memorial Building rm. 27
Sections 052-060; MWF 12:20-1:10; Dougherty Engineering rm. 416

Instructor Information

Dr. Elizabeth Cantwell

Office: Walters Life Sciences Building (WLS) F209

E-mail: ecantwel@utk.edu

Office Hours: by appointment

Phone: 974-2978

When requesting an appointment over email, please bear the following in mind:

- Any email should include 'BIOL 101' in the subject line to ensure a response.
- Include in the email your name and section number.
- A simple 'When can I come see you?' is unhelpful... please include three time ranges that work with your schedule when requesting an appointment.
- Note above that I teach two sections and cannot meet during the one you're not in.
- Check back soon for my response... don't ask to meet me on Tuesday morning and then check your email on Tuesday afternoon!

** I will post open hours in the days preceding each lecture exam on the Discussion Board.

Course WEB site

You will find the Biology 101 lab and lecture WEB pages by signing onto the Blackboard Course Management System at <https://blackboard.utk.edu/webapps/login/>. If you don't know how to use this resource, tutorials are available at <http://online.utk.edu/>. I recommend that you check Blackboard frequently for new announcements and discussion threads, particularly as an exam approaches, as this will be the primary method I use for broadcasting important information.

Lecture Materials

Biology: Concepts and Connections, 6th edition by Campbell, Reece, Taylor, Simon and Dickey

Clickers: ResponseCard XR by Turning Technologies

Lab

Labs will meet in Neyland Biology Annex beginning the week of August 24th. You must attend the section for which you are registered. You must wear closed toe shoes or you will not be permitted to attend lab. The lab manual is *Biology 101, 2nd edition* by Brewton and Guffey, and must be purchased new.

Clicker Points

Clicker questions will be asked randomly during class, and may be based upon previously covered material, reading assignments or any other in-class exercise I deem appropriate. Each clicker question answered correctly will count one point, with a maximum of **50 points** available. More than 50 questions will be asked over the course of the semester, and so occasional forgetfulness, illness and other unavoidable absences will not seriously affect your clicker grade. To accommodate the swap window, graded questions will not be asked in class until September 2nd.

Attendance

I will take attendance during each non-exam lecture period beginning August 26th (35 times). Each lecture attended is worth 1 point, with a maximum of **30 points** available. Therefore, you may miss five lectures and still receive full credit for attendance. I do not require written documentation for absence and will not blindly excuse additional absences. Special circumstances will be considered on a case-by-case basis and will require documentation. Clickers will be used to log attendance, but I will also have sign-in sheets available for those who forget their clickers or have yet to buy them. If two names are recorded by one person on a roll sheet, neither will receive credit for that period (**no exceptions**). If you do not log an answer with your clicker or sign the attendance sheet, you will be marked absent—no exceptions.

Quizzes

I will administer five quizzes, worth 10 points each (**50 points** total), on Blackboard. You will be allowed to take each quiz up to ten times during the time period it is available. The highest grade of all your submitted attempts will count toward your lecture average. If you do not properly submit an attempt, it will not count. At the end of the semester, your lowest quiz grade will be dropped and replaced with the highest. The timing of these quizzes will be advertised on the discussion board and in lecture.

Regular Lecture Exams

There will be four closed-book lecture exams worth 90 points each (**360 points** total) that will cover lecture topics and any assigned reading posted on Blackboard. These exams will be held in our regular classroom at the regular meeting time. They will include 45 questions that are mostly multiple-choice and some matching. You will not be admitted into an exam after the first person has finished and left, however, please do not leave without talking to me first. Exam results will be posted on Blackboard when they are available.

Exam Dates

Exam 1: Friday, September 11th

Exam 2: Friday, October 2nd

Exam 3: Wednesday, October 28th

Exam 4: Wednesday, November 18th

Final Exam

The final is a modified cumulative exam worth **110 points**. The exam format will be announced in class and posted on Blackboard later in the semester, and the information to be covered will be well defined.

The final will be held in our regular classroom at:

Sections 009-016, MWF 09:05-09:55 – Monday, December 7, 08:00-10:00

Sections 052-060, MWF 12:20-1:10 – Monday, December 7, 12:30-2:30

If you miss the final exam, call or email me immediately. A final exam grade of **zero** will be recorded for anyone who misses the exam and doesn't contact me. Students will not be permitted to take the final early unless they have a documented excuse AND obtain permission from me first.

Makeup Exams

If you have an excused absence (see the policy below), there are two options. 1) You may take the exam before our next class meeting. 2) If you cannot take the exam before our next meeting, the point value of your Final exam will be scaled properly to compensate for the missed exam(s). For instance, if you miss a single regular lecture exam, your Final will be worth 200 points. Students will be given a supplement to augment the Final exam, which may include essay, short answer and fill-in-the-blank questions from the block of material that was missed. If you miss an exam for an unexcused reason and contact me immediately (same day), you may be permitted to take the exam for partial credit. If you fail to contact me immediately, a **zero** will be recorded for a missed exam. To sum up, if you miss an exam, you should always contact me as soon as possible, whether you believe your absence was excusable or not.

Course Grade

Your course grade, or SCORE, will be calculated by adding your total lecture points (out of 600) to your total lab points (out of 200). The standard grading scale for this course follows:

Letter Grade	Total Points Required
A	732
A-	716
B+	692
B	652
B-	636
C+	612
C	572
C-	556
D+	532
D	492
D-	476

If the class average calls for it, this scale will be modified (down, never up) before assigning letter grades. No extra credit will be offered at any point during the semester. I will not offer extra credit opportunities to individuals. I do take extreme circumstances into consideration, so feel free to contact me if you have such a situation arise.

Excused Absence Policy – This applies to absence from exams only.

Reasons for Excused Absences **This list is not necessarily complete... talk to me any time you miss an exam.

- ◆ Participation in an activity as part of a University-funded group (Example: a sporting event in which you will compete). Absence for a social event will not be excused.
- ◆ Death or major illness in a student's immediate family. Documentation for this type of absence may include 1) a bulletin from a service, which I will not keep or 2) confirmation from a parent or close family member (including a contact phone number).
- ◆ Participation in legal or University proceedings that require your presence.
- ◆ Religious holy day.
- ◆ Injury or illness that is too severe or contagious for the student to attend class or illness of a dependent family member. This requires confirmation of a visit to a health care professional affirming the date and time of visit. If you are required to be absent for more than one class period, this should be indicated by your doctor on your documentation. Absence for a routine medical or dental appointment will not be excused.
- ◆ Required participation in military duties.
- ◆ Mandatory admission interviews for professional or graduate school which cannot be rescheduled.

To be excused, you must ...

1. Notify me in writing prior to the date of absence, if possible. In cases where advance notice is not possible (e.g. accident or emergency), you must notify me within two working days of the last date of the absence. For a Friday absence, this means by 5p.m. the following Tuesday; for a Monday absence, this means by 5p.m. the following Wednesday. Notification may be given over e-mail.
2. Provide me with any documentation required to substantiate the reason for your absence within one calendar week of the last date of the absence. This should be done in person at a time that we both agree upon.

Course Organization

** This is a tentative breakdown of information to be covered. Any changes will be announced.

BLOCK I

Introduction/Overview – Chapter 1
The Chemical Basis of Life – Chapter 2
The Molecules of Cells – Chapter 3
A Tour of the Cell – Chapter 4

BLOCK II

The Working Cell – Chapter 5
Cellular Division – Chapter 8

BLOCK III

Genetics – Chapter 9
Molecular Biology – Chapter 10
Gene Expression – Chapter 11
DNA Technology – Chapter 12

BLOCK IV

Animal Anatomy & Physiology – Chapter 20
Chemical Regulation – Chapter 26
Reproduction – Chapter 27

BLOCK V

Embryonic Development – Chapter 27
Special Topic: Lactation and Breastfeeding
Immunity – Chapter 24
Specified Materials from Blocks I-IV

Statement on Disabilities

The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Office of Disability Services (2227 Dunford Hall) at 974-9552. When presented with the proper documentation, I will be happy to accommodate your disability.

Statement on the Academic Dishonesty

By turning in any exam or assignment in this course, you are committing to the following statement from the UT Student Handbook: "An essential feature of The University of Tennessee is a commitment to maintaining an atmosphere of intellectual integrity and academic honesty. As a student of the University, I pledge that I will neither knowingly give nor receive any inappropriate assistance in academic work, thus affirming my own personal commitment to honor and integrity."