

## Biology 101: Lab Syllabus – Fall 2009

Week 1 Aug 25-28	Introduction/Expectations	
Week 2 Sept 1-4	Visualizing Microscopic Organisms	Exercise 1
Week 3 Sept 8-11	Nutrition – Diet Wars	Exercise 2
Week 4 Sept 15-18	DNA Isolation & Separation: Forensic Science	Exercise 3
Week 5 Sept 22-25	Human Genetics	Exercise 5
Week 6 Sept 29-Oct 2	Introduction to WebQuests: Stems Cells and Cloning and Genetically Modified Organisms	Exercise 4
Week 7 Oct 6-9	Continue WebQuests: Stems Cells and Cloning and Genetically Modified Organisms	Exercise 4
Oct 13-16	<b>No labs this week</b> <b>Fall Break: Oct 15-16</b>	
Week 8 Oct 20-23	Presentations on Cloning/Genetically Modified Organisms	
Week 9 Oct 27-30	Skeletal System Anatomy, <i>Evolution – Great Transformations</i>	Exercise 6
Week 10 Nov 3-6	Human Physiology – The Senses	Exercise 7
Week 11 Nov 10-13	Prokaryotes	Exercise 8
Week 12 Nov. 17-20	Circulation	Exercise 9
Nov 24-27	<b>No labs this week</b> <b>Thanksgiving Break: Nov. 26-27</b>	

Visit the Core Biology website for information pertaining to this course:

**<http://web.bio.utk.edu/general/>**

Please address any questions regarding lab to Dr. Randy Brewton, Core Biology Coordinator, 974-3354, 128 NBA, [rbrewton@utk.edu](mailto:rbrewton@utk.edu)

## COURSE POLICIES: BIOLOGY 101

**1. ATTENDANCE: LABORATORY ATTENDANCE IS MANDATORY AND IS A CRUCIAL COMPONENT OF BIOLOGY 101.** In general, it is not possible to make up labs and quizzes. It is physically impossible to reset labs on an individual basis to allow students to make up labs - even if the missed lab was for a legitimate reason (illness, family emergency, etc.). If you need to miss lab because of a University-sponsored event, you must notify your lab instructor a minimum of one week before the absence and we will try to arrange an alternative time during the week of the absence to attend lab. You may not attend a different lab section without prior approval.

You may turn in the worksheet for a missed lab the following week for partial credit (10/15 pts). Lab assignments are due at the beginning of lab the week immediately following a particular lab exercise. Lab assignments may be turned in one week late for partial credit (10/15 pts). Lab assignments turned in more than one week late will not be accepted.

Arrive on time, be prepared for class, and **turn off your cell phone**. Points will be deducted from class assignments for persistent tardiness, and cell phone use.

### STUDENTS MUST ATTEND THEIR REGISTERED SECTION.

**2. ACADEMIC DISHONESTY:** Students found cheating will receive zero credit for the assignment. The student will be subject to an "F" for the course, and the matter may be referred to the Office of Student Conduct for further action. Students should refer to *Hilltopics* for University policies and procedures regarding these matters. **Please note:** Even though you work in groups, library assignments, outside assignments, and worksheets are to be completed by you alone. Unauthorized assistance with any written exercise is considered cheating and you are subject to the policies above.

Plagiarism is cheating, will be treated as a violation of the University Honor Statement. Copying material for other students or from the internet is plagiarism!

### 3. SAFETY:

There will be **no food, drink or tobacco products in the laboratory**. **No opened-toed shoes** can be worn during lab.

#### **Your Right To Know:**

*Tennessee Law requires that you are provided notice that some of the laboratory exercises involve contact with chemicals which have been identified with potential health hazards. These chemicals include, but are not limited to: alcohols, acids and bases. While every effort has been made to make the materials as safe as possible, these chemicals are toxic and you must be responsible for their safe handling. If you feel you may be at a higher risk than normal, if pregnant for example, we recommend you consult your physician before taking this course.*

### 4. GRADING:

<b>Quizzes/Take Home assignments (best 6 x 15 pts)</b>	<b>90 pts</b>
<b>Nutrition Assignment -----</b>	<b>20 pts</b>
<b>Paper (40 pts) and presentation (25 pts) -----</b>	<b>65 pts</b>
<b><u>Participation -----</u></b>	<b><u>25 pts</u></b>
<b>TOTAL</b>	<b>200 pts</b>