

## American University Of Kuwait

<b>General Biology I</b>	<b>Biol- 101</b>	<b>Fall 2018</b>
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**Meeting Time:** Wed 3:00 – 6:00  
**Meeting Place:** Laboratory, Central campus CC-015

**Lab Instructor:** Nora Basha  
**Office :** Laboratory, Central campus CC-015  
**EXT # :** 3729  
**E-mail Address:** [nbasha@auk.edu](mailto:nbasha@auk.edu)  
**Office Hours:** Sun 12:00 PM- 2:00 PM  
Wed 1:00 PM- 3:00 PM  
Thur 8:00 AM- 10:00 AM  
Or by Appointment

### **Course Evaluation & Grading:**

Work Sheets:	5%
Lab Reports:	30%
Quizzes :	30%
Final Exam:	30%
Participate	5 %
<b>Total</b>	<b>100%</b>

### **Course Discription:**

A laboratory component for General Biology I course. Concurrent: BIOL 101.

### **Learning Outcome:**

By the end of the course students will learn:

1. How to write scientific report.
2. Understand Laboratory safeties.
3. Understand chemical aspects.
4. Use Microscope.
5. Prepare microscopic slides.
6. Learn Osmosis, Photosynthesis and cellular respiration.
7. Learn about cell division (mitosis and mieosis).
8. Understand molecular and chromosomal genetics.

### **Grading scale:**

4.00	A	94-100
3.70	A-	90-93
3.30	B+	87-89
3.00	B	84-86
2.70	B-	80-83
2.30	C+	77-79
2.00	C	74-76
1.70	C-	70-73
1.30	D+	67-69
1.00	D	64-66
0.70	D-	60-63
0.00	F	0-59
0.00	FN	0-59

### **Attendance Policy:**

Students are expected to attend every lab.

Any student who misses **MORE THAN 15%** of the class sessions of any course during a semester should expect to fail, unless s/he submits documented evidence to the course instructor of inpatient medical care, death of an immediate family member, academic instructional activities, or national athletic activities. If excused, students are required to satisfy all coursework due or assigned during their absences, as determined by the course instructor. If a student does not submit documented evidence for her/his absences exceeding the limit, it is the student's responsibility to withdraw from the course by the specified deadline, as indicated on the Academic Calendar. Students who withdraw from a course receive a grade of "W." Students who do not withdraw from a course nor submit supporting documents for excessive absences will receive a grade of "FN" (failure for non-attendance).

**No make-ups** will be allowed without previous arrangements or an official excuse (due to medical issues or family death). If you must miss a lab, contact me ASAP, and we may be able to arrange a make-up lab; but this make-up is **not guaranteed**.

In all circumstances outside explicit rules, I reserve the right to judge whether an excuse is valid or not. Unexcused absence from lab is likely to result in a severe reduction in your course grade.

**Punctuality:** Lab will start ON TIME each week, and the most important review material will be covered in the first 20 minutes of lab.

**Exams:** Will consist of Three quizzes and a final lab practical.

**Lab Worksheets:** Upon the request of the lab instructor, lab worksheets can be completed individually or with the group at your lab table. If you complete the worksheet with your fellow lab-table classmates, each student's name must appear on the worksheet; all contributing students will receive the same grade. Lab assignments are due either at the beginning of the following lab. They can be submitted in person or simply put in my mailbox in the Science building, third floor (look for Noura Basha) or via e-mail . A 25% grade penalty will be applied to the worksheet each subsequent day it is late.

**Reading Assignments:** You are required to read each lab assignment and worksheet (will be provided to you before the laboratory period thru i-cloud look for science dept. choose my folder and print out the required paper work ). Bring these worksheets to lab each week. This is essential for you to fully understand the procedures and to be able to complete the experiment and answer the questions for each assignment.

**Drawings / sketches:** will be sometimes required. These have to be accurate and precise as much as you can. Identification of structures is very important.

- Label lines should be drawn with a ruler and should be precise. Do not use arrowheads and do not cross label lines over one another. Label lines must touch the structure being labeled.
- A pencil is to be used for the drawing and labels. Do not use pen!

**Academic dishonesty:** Plagiarism and Cheating will not be tolerated in any way, shape, or form. Students suspected of academic dishonesty will be referred to the Dean of Students for disciplinary action.

**Disability Accommodations:** If you believe that you need accommodation for disability, you are requested to contact the Disability Coordinator, Dr. Huda Shaaban, in Career Services and Wellness ( located in next to the Hangout and Registration) to arrange an appointment to discuss your needs.

**Laboratory schedule:**

#	Topics	Note
1	Syllabus+ Laboratory Safety	
2	Metric System	
3	Chemical Aspect I ( Acid and Alkali)	
4	Chemical Aspect II ( LargeMolecules)	
5	Microscopy & Identification microscopic slides	Quiz #1
6	Wet Mount Preparation I( cheek cell)	
7	Wet Mount Preparation II( plant and fungus)	
8	Osmosis & Diffusion	
9	Photosynthesis	Quiz #2
10	Cellular Respiration	
11	Mitosis and mieosis	
12	Molecular & Chromosomal Genetics	
13	Revision	Quiz #3
14	<b>Final Exam</b>	<b>To be announced</b>

*Ask for help if you don't understand, don't wait until too late.  
Good Luck*