



Instructor: Dr. Jorge L. Galeano Nino **Phone:** (206) 591-1636 **Email:** jlgaleanonino@utep.edu

Office: Biological Sciences Building Room: 2.16z

Class Meets: RF 12:00-1:20 p.m. UGLC 128

Office Hours: By appointment (Except during University Holidays)

Course Objectives:

- 1. Demonstrate an understanding of the language of biology.**
- 2. Demonstrate an understanding of the basic concepts of inorganic, organic, and biochemistry as they apply to the biological sciences.**
- 3. Demonstrate the ability to predict the roles of atoms, molecules, organelles, genetics and environmental factors in regulating metabolism of prokaryotes, animal and plant cells.**

Keep in mind that the level of your success as an individual student is largely dependent on **your** effort. I highly encourage your active participation. Grades will be awarded based on your performance, with no additional/extra credit or grade negotiation. Your course feedback can be submitted via websites such as <http://www.ratemyprofessors.com/>, and the University will invite you to submit an electronic feedback on this course by the end of the semester.

Required Materials:

You will need your own i>clicker, and any iclicker version is acceptable for this class (I recommend REEF on your phone, which is FREE). You may therefore want to check with other UTEP courses that you plan to take, to see if they require specific iclickers (e.g., UTEP Biochemistry courses may specifically require iclicker2) as that information will save you from having to change clickers from one semester to the next. For this class you can use iclicker, iclicker +, iclicker-2, or REEF polling (phone/tablet app) – this last one is a FREE version for phone or laptop and can be activated for just one semester. I also recommend you check at the bookstore (for purchase or rental), online at sites such as Amazon.com, and you may also consider purchasing a used iclicker from past UTEP students. The important thing is that you settle on an iclicker system that works, and that you let me know your iclicker code so I can award you your points from the homeworkx. Around 15% of your grade will reflect your participation in class via your use of your i>clicker.

A working i>Clicker will be required for attendance and homework. Please carry spare batteries to every class to avoid missing attendance. Forgotten clicker or lack of batteries is not a valid excuse for missed attendance. If the bookstore doesn't have the i>clicker, get it online. For the alternative iclicker App (REEF polling), please find it online at <http://www1.iclicker.com>

Textbook

- Principles of Life. Edited by Hillis, Price, Hill, Hall, and Laskowski. 3rd edition, Macmillan Press, 2019. ISBN:9781319017712.
More info:
<https://store.macmillanlearning.com/us/product/Principles-of-Life-Digital-Update/p/1319450296>

Important - All the material to be covered in class will be posted on the Blackboard. You are expected to read any posted material before class, so check the Blackboard regularly for updates. Exam dates, and Exam details, will be confirmed on the Blackboard. It is your responsibility to check the Blackboard for the Exam dates, and for Exam details.

Course Grading: *Final grades in the course will be determined using scores on homework, exams, and attendance only. No extra credit assignments be given. Final grades are not based on a curve. You will receive a grade that is reflective of the effort you put in, what you learned, and the skills acquired during the course. You **earn** your grade, good luck ;).*

- I. **Homework:** Homework will be very important to prepare the material for the next class. The assignments will be posted using I CLICKER or Blackboard. It is recommendable to form groups to encourage discussions and debates to answer the homework questions. Bring snacks and drinks to make an enjoyable environment. If you are meeting in the library, please be respectful with other students and please remember that food and drinks are not allowed. Homework also prepares you to practice for the exams since the questions will be very related.
- II. **Exams:** **** NO ZEROES WILL BE DROPPED ****
Four in-class exams and one final exam will be given. Each exam, except for the final exam, will cover specifically the topics dealt in the classes that preceded the test up to the previous test, but not including the material already tested. The final exams will cover all the content covered during the semester. All exams will be administered during our regularly scheduled class time. To access the exams please go to the Home Page of our Blackboard course shell and click on the folder labelled "Exams" for each exam. Each exam will become available on the scheduled day and time of the exam. If an exam is missed for inevitable and justified reasons, a make-up may be granted on a case-by-case basis. Otherwise, there will be **NO MAKE-UP EXAMS IN THIS COURSE**. If you know ahead of time that you will not be available to take an exam, notify me and I will schedule for you to take another exam one or two days before the scheduled date. However, you will have a different exam from that offered to the rest of the class. If you miss an exam and cannot provide justification, then you will get a zero in that exam. The exams consist of multiple choice-, true/false-, and fill in the blank- type questions. Exam length ranges from 50 – 60 questions.
- III. **Attendance:** Please come to class, **I>CLICKER** will be used to record attendance. Attendance to class is very important for student success. If you must miss a class, please send me an email. Your classmates and I will miss you :(.
- IV. **Self-Assessment** – Towards the end of the course I will ask you to assess your own participation in the class. This self-assessment score will be revised by me according to my own perception of your participation (and your contribution) to the class.

V. **Review Sessions:** There will be **NONE**. Questions should be addressed in class or during office hours.

VI. **Grading System:**

Course organization and grading

Attendance to lectures is mandatory. The weight of each assessment towards your final grade is shown below. Grading is on a straight scale: A (90-100), B (80-89), C (70-79), D (60-69), F (below 60).

Notes:

1. Exams 1 , 2, 3, and 4 will each count 15% towards your grade.
2. Final Exams I and II will each count 10% towards your final grade.

Exams (1, 2, 3 and 4)	60%
Homework	10%
Attendance	5%
Self-Assessment	5%
Final Exam	20%

Class Policies:

I. **Exams:**

- ✓ Arrive on time to the exam. Anyone arriving after the first exam is turned in will not be allowed to take the exam!
- ✓ You will never need a calculator for an exam in this class so put them away.
- ✓ Place **all electronic devices** (turn cell phones off) in your purse or backpack. Absolutely nothing electronic allowed on your desk during an exam. Violating this rule will not be tolerated. *Only* a #2 pencil, an eraser, your scantron and exam are allowed on your desk during an examination.
- ✓ All personal items (backpacks, purses, etc) must be placed at the front of room upon entrance.
- ✓ No headphones allowed under any circumstances!
- ✓ Baseball caps or any sort of hat with a brim must be removed.
- ✓ Try not to disrupt those around you after you finish an exam.
- ✓ No sharing of pencils, pens, erasers. You are to share nothing during an exam.
- ✓ **No talking or joking** during an exam.
- ✓ No cheat sheets (these will earn a trip to the Dean of Students to explain yourself).
- ✓ No looking around at exams of others sitting near you.

II. **Grading:** Exams will be graded the same day of the exam and scores will be posted on Blackboard later that evening, or as soon as the marking is complete. Due to time restraints, it is not possible to go over the exam in class but you are more than welcome to look over your exam during office hours or by appointment. *All exams must stay in my office at all times.* Grades are earned on exams, homework, and attendance *only*. There will be **no** extra credit assignments (i.e. reports) so do not ask for these. If you are having problems, please come see me immediately. **DO NOT wait until the end of the semester when it is too late.**

- III. **Attendance:** Class attendance is **MANDATORY**. The only exceptions are university recognized excuses for absence. Attendance will be taken routinely through **I>CLICKER**. Students are responsible for attending lecture regularly and knowing what takes place during classes. This includes: material covered during lecture, announcements, handouts, changes in the syllabus, etc. If you *must* miss a class, you need to make a special effort to learn what occurred during your absence. You are adults and you are paying tuition for this course. It is up to you to determine whether you need to be here or not. Keep in mind that the activities conducted in class cannot be made up at a later date. Also, keep in mind that exams will be based on the material covered in class.
- IV. **Courtesy:** Be respectful not only to your instructor, but to your fellow classmates as well. Please place all cell phones on vibration or silent mode prior to class and do not answer them while in class.
- V. **Withdrawing from the course:** The last day for you to withdraw from any course with an automatic "W" is **November 1st**. Please note that it is the student's responsibility to officially withdraw from a course before the drop deadline. A grade of incomplete is issued by the instructor when a student has completed most of the course work, has a good reason for not completing the course work, has a good chance of passing, and the instructor agrees to the grade of I. A grade of "I" will never be given to "make-up" or repeat the entire course.
- VI. **Academic Dishonesty:** Suspected cases or acts of alleged scholastic dishonesty will be automatically referred to the Dean of Students' Office. It is the policy of the University of Texas at El Paso that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. The Office of Student Conduct and Conflict Resolution (<http://sa.utep.edu/osccr/academic-integrity/>) notes the following:
- "...students are expected to maintain absolute integrity and a high standard of individual honor in scholastic work undertaken at the University. At a minimum, you should complete any assignments, exams, and other scholastic endeavors with the utmost honesty..."
- "Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable to another person.
- "Cheating: Copying from the test paper of another student; communicating with another student during a test; giving or seeking aid from another student during a test..."
- VII. **Accessibility/Disabilities:** If you have, or suspect you have, a disability and need accommodations you should contact Disabled Student Services Office (DSSO) at 747-5148 or at dss@utep.edu or go by Room 106 Union East Building. If you are a student with a disability (physical, learning, etc), please notify me at the beginning of the semester so that accommodations can be made for you as soon as possible.

VIII. Technical and Blackboard support: The University of Texas at El Paso provides free 24/7 Helpdesk support to students and faculty. The Helpdesk can provide answers to questions about using Blackboard, technology services and technical support.

Contact Us

 In Person:	Library Room 300
 Tech Support:	915-747-4357 (HELP)
 UTEP Directory:	915-747-5000
 Email:	helpdesk@utep.edu
 Chat:	Chat Now
 Service Request:	Submit a Request

Equipment Checkout Center (Library 300):

Students in need of **laptops** or other equipment can avail themselves of our Equipment Check Out Center. This service is provided at **no cost** to the students. Equipment can be rented for the entire duration of the semester.

Computer Clinic (Library 300): The Computer Clinic, also located in Library 300, extends cost-free technical support for personally owned computers belonging to active university members.

Student Resources Page: [Student Resources Page](#), explore the array of resources designed to support your academic success.

Registering your i>clicker on the web:

You are required to get an i>clicker remote for in-class participation. The i>clicker is a response system that will allow you to monitor your attendance. Each i>clicker has a unique serial number on the back of the remote. Place a piece of scotch tape over that bar code and ID to preserve it. **In order to receive credit for your in-class attendance, you will need to register your i>clicker remote online within the first two weeks of class. You must have come to class at least once and answered at least one question, in order to complete this registration properly.** Once you have answered a question in my class, go to www.iclicker.com/registration. Complete the fields with your first name, last name, remote ID, and student ID. (**IMPORTANT:** This is **NOT** your new 800 number, instead it is the ID that identifies your university email address, which is usually a combination of your last name, the initial of your first name, and sometimes a single or double digit number – if you have doubts about your ID, send me an email.) The remote ID is the series of numbers and sometimes letters found on the bottom of the back of your i>clicker remote. The i>clicker response system will be used in every class; therefore, you are expected to bring it to every class.

Biology 1305 CRN# 11403

BIOL 1305

Fall 2024

Tentative Class Schedule: *Please be aware that this schedule is subject to change! Check the Blackboard regularly for updates or alerts.*

Date	Lecture	Reference
Monday, Aug 26	Introduction	Chapter 1
Wednesday, Aug 28	Life, Chemistry and Energy - A	Chapter 2
Monday, Sept 02	Life, Chemistry and Energy - B	Chapter 2
Wednesday, Sept 04	Nucleic Acids, Proteins – A	Chapter 3
Monday, Sept 09	Nucleic Acids, Proteins - B	Chapter 3
Wednesday, Sept 11	Cells: The Working Units of Life - A	Chapter 4
Monday, Sept 16	Cells: The Working Units of Life - B	Chapter 4
Wednesday, Sept 18	Cell Membranes and Signaling - A	Chapter 5
Monday, Sept 23	EXAM 1 (Chptrs 1-3)	-
Wednesday, Sept 25	Cell Membranes and Signaling - B	Chapter 5
Monday, Sept 30	Cell Signaling and Communication	Chapter 5
Wednesday, Oct 02	Energy: Harvest and Storage - A	Chapter 6
Monday, Oct 07	Energy: Harvest and Storage – B	Chapter 6
Wednesday, Oct 09	Cell Cycle and Cell Division -A	Chapter 7
Monday, Oct 14	EXAM 2 (Chptrs 4-6)	-
Wednesday, Oct 16	Cell Cycle and Cell Division -B	Chapter 7
Monday, Oct 21	Cell cycle aberrations	Chapter 7
Wednesday, Oct 23	Inheritance, Genes, & Chromosomes - A	Chapter 8
Monday, Oct 28	Inheritance, Genes, & Chromosomes - B	Chapter 8
Wednesday, Oct 30	DNA and its Role in Heredity - A	Chapter 9
Monday, Nov 04	EXAM 3 (Chptrs 7-8)	-
Wednesday, Nov 06	DNA and its Role in Heredity - B	Chapter 9
Monday, Nov 11	DNA to Protein: Gene Expression - A	Chapter 10
Wednesday, Nov 13	DNA to Protein: Gene Expression - B	Chapter 10
Monday, Nov 18	EXAM 4 (Chptrs 9-10)	-
Wednesday, Nov 20	Regulation of Gene expression - A	Chapter 11
Monday, Nov 25	Regulation of Gene expression - B	Chapter 11
Wednesday, Nov 27	Gene expression miss regulation	Chapter 11
Wednesday, Dec 04	Final Exam	-