

Instructor: Dr. Chu-Young Kim (E-mail: ckim7@utep.edu)
Class meets: 7:30–8:50 AM, Tuesday and Thursday in UGLC 116
Office hours: 7:30–8:50 AM, Monday and Wednesday in CCSB 2.0106 (or by appointment)

Scope: A study of the fundamentals of biochemistry including the building blocks of proteins, three-dimensional structure of proteins, protein and enzyme function, nucleic acids, lipids, and biological membranes.

Textbook: Lehninger *Principles of Biochemistry* (8th Edition); Nelson and Cox; W. H. Freeman and Company. (Earlier editions are ok. The textbook is recommended but not required.)

Lectures: You are encouraged to attend all lectures in person. However, I will not take attendance. Additionally, I will make pre-recorded lectures available on Blackboard. No matter whether you are physically present in class or not, you must always log into Blackboard at 7:30 AM to take the quiz/test.

Course Grading: There will be a total of 8 tests (Test A-H) and 20 quizzes (Quiz 1-20). Tests are meant to assess your familiarity and understanding of the textbook material (lecture slides). Quizzes are designed to assess your familiarity of the information given in the reading assignment articles. Tests are worth 20 points each and quizzes are worth 8 points each. Tests and quizzes will be administered via Blackboard and will start promptly at 7:30 AM on Tuesdays and Thursdays. You cannot take the test or quiz at another time.

- You must use a laptop computer or an iPad to take the tests and quizzes. Smart phones will not work.
- The web cam on your laptop and iPad must be enabled.
- You must install and use the Respondus LockDown Browser.

ONE lowest test score and TWO lowest quiz scores will be dropped at the end of the semester. Your final grade will be calculated using only your 7 highest test scores and 18 highest quiz scores. Therefore, the maximum total score you can earn is $7 \times 20 + 18 \times 8 = 284$ points. Your letter grade will be determined using the table below. There is no curve for this course. All requests for extra work will be rejected as this is not fair to others in the class and doesn't accurately reflect your performance in the course.

Total score	Grade
255–284	A
227–254	B
198–226	C
170–197	D
0–169	F

Regarding missed quizzes:

If you miss less than one test and two quizzes, you do not need to provide any documentation since I will automatically drop your lowest test score and two lowest quiz scores. If you miss any additional tests and/or quizzes, you must provide documentation explaining your absences (typically from your doctor, a military official, or a UTEP staff). In this case, I will substitute your missing test or quiz score with the class average score for the test or quiz that you missed. You must provide the documentation within one week of your absence.

Withdrawal: The last day for you to withdraw from this course with a "W" is October 28th, 2022. Please note that it is your responsibility to officially withdraw from a course before the drop deadline.

Disability: If you have or suspect a disability and need accommodations you should contact Center for Accommodations and Support Services (CASS) at 747-5148 or at cass@utep.edu.

Schedule of classes

Date	Lecture	Topic	Assessment
08/23, Tuesday	01	Introduction	Quiz 00 – Article 00 (This is a practice quiz.)
08/25, Thursday	02	Chapter 3 – Amino Acids, Peptides, and Proteins	Quiz 01 – Article 01
08/30, Tuesday	03	Chapter 3 continued	Quiz 02 – Article 02
09/01, Thursday	04	Chapter 3 continued	Quiz 03 – Article 03
09/06, Tuesday	05	Chapter 4 – The Three-Dimensional Structure of Proteins	Test A – Chapter 3
09/08, Thursday	06	Chapter 4 continued	Quiz 04 – Article 04
09/13, Tuesday	07	Chapter 4 continued	Quiz 05 – Article 05
09/15, Thursday	08	Chapter 5 – Protein Function	Test B – Chapter 4
09/20, Tuesday	09	Chapter 5 continued	Quiz 06 – Article 06
09/22, Thursday	10	Chapter 5 continued	Quiz 07 – Article 07
09/27, Tuesday	11	Chapter 6 – Enzymes	Test C – Chapter 5
09/29, Thursday	12	Chapter 6 continued	Quiz 08 – Article 08
10/04, Tuesday	13	Chapter 6 continued	Quiz 09 – Article 09
10/06, Thursday	14	Chapter 6 continued	Quiz 10 – Article 10
10/11, Tuesday	15	Chapter 7 – Carbohydrates and Glycobiology	Test D – Chapter 6
10/13, Thursday	16	Chapter 7 continued	Quiz 11 – Article 11
10/18, Tuesday	17	Chapter 7 continued	Quiz 12 – Article 12
10/20, Thursday	18	Chapter 8 – Nucleotides and Nucleic Acids	Test E – Chapter 7
10/25, Tuesday	19	Chapter 8 continued	Quiz 13 – Article 13
10/27, Thursday	20	Chapter 8 continued	Quiz 14 – Article 14
11/01, Tuesday	21	Chapter 8 continued	Quiz 15 – Article 15
11/03, Thursday	22	Chapter 10 – Lipids	Test F – Chapter 8
11/08, Tuesday	23	Chapter 10 continued	Quiz 16 – Article 16
11/10, Thursday	24	Chapter 10 continued	Quiz 17 – Article 17
11/15, Tuesday	25	Chapter 10 continued	Quiz 18 – Article 18
11/17, Thursday	26	Chapter 11 – Biological Membranes and Transport	Test G – Chapter 10
11/22, Tuesday	27	Chapter 11 continued	Quiz 19 – Article 19
11/24, Thursday		Thanksgiving Holiday (no lecture)	
11/29, Tuesday	28	Chapter 11 continued	Quiz 20 – Article 20
12/01, Thursday		Test only (no lecture)	Test H – Chapter 11