

**Instructor:** Chu-Young Kim  
**Office:** CCSB 2.0106  
**Class meets:** 12:00 – 1:20 PM (100% online)

**Phone:** 747-6935  
**Email:** [ckim7@utep.edu](mailto:ckim7@utep.edu)  
**Office Hours:** E-mail only

**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, biological membranes, and biosignaling.

**Textbook:** Lehninger *Principles of Biochemistry* (7<sup>th</sup> Edition); Nelson and Cox; W. H. Freeman and Company. (Earlier editions are ok. The textbook is recommended but not required.)

**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. Both tests and quizzes will be administered via Blackboard and will start promptly at 12:00 PM on Tuesdays and Thursdays. You cannot take the test or quiz at another time.

Your 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

**Rules for Tests and Quizzes:**

- 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.
- All suspected cases or acts of alleged scholastic dishonesty will be referred to the Office of Dean of Students.

**Regarding missed quizzes:**

If you miss just one test and/or 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.

**Withdrawal Policy:** The last day for you to withdraw from any course with a "W" is October 30<sup>th</sup>, 2020. Please note that it is your responsibility to officially withdraw from a course before the drop deadline. No student will be administratively dropped after the deadline due to poor performance and bad grades.

**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](mailto:cass@utep.edu).

### Schedule of classes

(We may end up going slower or faster depending on how the class is doing.)

Date	Lecture	Topic	Assessment
08/25, Tuesday	01	Introduction	Quiz 0 – Article 0 (This is a practice quiz.)
08/27, Thursday	02	<b>Chapter 3 – Amino Acids, Peptides, and Proteins</b>	Quiz 1 – Article 1
09/01, Tuesday	03	Chapter 3 continued	Quiz 2 – Article 2
09/03, Thursday	04	Chapter 3 continued	Quiz 3 – Article 3
09/08, Tuesday	05	<b>Chapter 4 – The Three-Dimensional Structure of Proteins</b>	Test A – Chapter 3
09/10, Thursday	06	Chapter 4 continued	Quiz 4 – Article 4
09/15, Tuesday	07	Chapter 4 continued	Quiz 5 – Article 5
09/17, Thursday	08	<b>Chapter 5 – Protein Function</b>	Test B – Chapter 4
09/22, Tuesday	09	Chapter 5 continued	Quiz 6 – Article 6
09/24, Thursday	10	Chapter 5 continued	Quiz 7 – Article 7
09/29, Tuesday	11	<b>Chapter 6 – Enzymes</b>	Test C – Chapter 5
10/01, Thursday	12	Chapter 6 continued	Quiz 8 – Article 8
10/06, Tuesday	13	Chapter 6 continued	Quiz 9 – Article 9
10/08, Thursday	14	Chapter 6 continued	Quiz 10 – Article 10
10/13, Tuesday	15	<b>Chapter 7 – Carbohydrates and Glycobiology</b>	Test D – Chapter 6
10/15, Thursday	16	Chapter 7 continued	Quiz 11 – Article 11
10/20, Tuesday	17	Chapter 7 continued	Quiz 12 – Article 12
10/22, Thursday	18	<b>Chapter 8 – Nucleotides and Nucleic Acids</b>	Test E – Chapter 7
10/27, Tuesday	19	Chapter 8 continued	Quiz 13 – Article 13
10/29, Thursday	20	Chapter 8 continued	Quiz 14 – Article 14
11/03, Tuesday	21	Chapter 8 continued	Quiz 15 – Article 15
11/05, Thursday	22	<b>Chapter 10 – Lipids</b>	Test F – Chapter 8
11/10, Tuesday	23	Chapter 10 continued	Quiz 16 – Article 16
11/12, Thursday	24	Chapter 10 continued	Quiz 17 – Article 17
11/17, Tuesday	25	Chapter 10 continued	Quiz 18 – Article 18
11/19, Thursday	26	<b>Chapter 11 – Biological Membranes and Transport</b>	Test G – Chapter 10
11/24, Tuesday	27	Chapter 11 continued	Quiz 19 – Article 19
11/26, Thursday		Thanksgiving Holiday (no lecture)	
12/01, Tuesday	28	Chapter 11 continued	Quiz 20 – Article 20
12/03, Thursday		Test only (no lecture)	Test H – Chapter 11