Colorado State University Department of Biochemistry & Molecular Biology  
BC 351-003 Principles of Biochemistry  
Fall Semester 2017

Instructor: Brian Kalet, Ph.D.  
Office: Molecular and Radiological Biosciences (MRBSC) Room 127  
Phone: 970-491-3353  
Email: kalet@colostate.edu, This is the best way to contact me.  
Office Hours: Tuesdays and Wednesdays 10 AM – 11 AM

Prerequisites: 1 semester of Organic Chemistry & 1 semester of College Biology

Textbook: Principles of Biochemistry, 1st edition, by Aaron J. Sholders, Great Rivers Technology Publishers. An access code for the book can be purchased at the bookstore or online at this URL: www.grtep.com

Course objectives:  
Objective #1: You should be able to think critically about biochemistry and be able to assess and interpret biochemical data.  
Objective #2: You should be able to define and recognize major concepts and principles in biochemistry.

Canvas: All course material will be presented via Canvas.  
1. Login page:  

Materials: I am going to give you several things to help you gain knowledge of the principles of biochemistry.  
1. PowerPoint files  
   a. I am going to make these files available to you if you would like to use them to take notes on.
2. Textbook: www.grtep.com  
3. Study Guides  
   a. These are very general questions directing you studying and your thinking and also include problems from your text.
4. Practice Exams  
   a. My suggestion on these is to wait until you are done studying and then take this without any assistance from your notes.  
   b. If you do well then you should be also do well on the exam. If you do poorly go through all the questions and understand WHY you got one wrong and WHY you got one right.

Assessment: “So how are you going to assess me?”

1. Chapter Quizzes – 70 points  
   a. There are a total of 14 quizzes worth five points each totaling 70 points. Each quiz will be found within the text. You have two attempts at each quiz and the highest grade from each quiz will be used to calculate your final grade. All quizzes are due at 12/11/2017 at 11:59 PM.
2. Exams - 400 points
   a. I will give four exams. Each one will be worth 100 points. Exams will be a
      combination of multiple answer, matching and short answer.

How to Study:  The question I am most often asked by students is “How do I study for this class?” As
such I have decided to provide the answer up front so you can get started right away!

The objective of studying is to learn the material that is being presented. Exams are
designed to assess whether or not you have learned. So really the question is “How do I
learn in this class?” I think the best way to do this is to come to class prepared. My
suggestion is to review the PowerPoint slides and textbook before coming to class. When
you come to class you will be better prepared to understand the material I am presenting
and you will be much more able to pick out the important points in my lectures. Once the
lecture is done, review your notes and attempt to answer the questions in the study guide.
If you still can’t come to an answer then feel free to email me or visit me during my
office hours.

I highly recommend you take the practice exam to see where you may need to focus your
studying. If you do poorly, no big deal, its only practice! Now, study the concepts you
did not fully grasp.

Grades:  I don’t expect to grade based on a curve or drop the lowest exam score this semester.

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Grade Breakdown:  Assignment          Points
4 Exams (100 points each)     400
14 Chapter Quizzes (5 points each) 70
Total                           470

Extra Credit:  I will be using iclickers this semester. I am going to give only participation points for the
use of iclickers. If you participate in 100% of the iclicker questions I give you, then you
will receive 5 points of extra credit. Answering 80% of the iclicker questions will result in 4
points, and so on. In order to receive this credit, you will need to register your iclicker
remote online before the second class. For information on how to do this go to
http://clicker.colostate.edu/docs/Canvas%20iClicker7%20Student.pdf

Academic Integrity:  This course will adhere to the Academic Integrity Policy of the Colorado State University
General Catalog.