

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

- Instructor: Brian Kalet, Ph.D.  
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Email: [kalet@colostate.edu](mailto: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, 1<sup>st</sup> 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](http://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:  
a. <http://info.canvas.colostate.edu/login.aspx>
- 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](http://www.grtep.com)
  3. Study Guides
    - a. These are very general questions directing your 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.**

<u>Grade</u>	<u>Percentage</u>
A+	96% - 100%
A	92% - <96%
A-	90% - <92%
B+	86% - <90%
B	82% - <86%
B-	80% - <82%
C+	76% - <80%
C	70% - <76%
D	60-<70%
F	below 60%

<u>Grade Breakdown:</u>	<u>Assignment</u>	<u>Points</u>
	4 Exams (100 points each)	400
	<u>14 Chapter Quizzes (5 points each)</u>	<u>70</u>
	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](#).