

Biochemistry Chemistry 350 Spring 2008

Instructor: Dr. Elisa Cooper

Lecture: T/Th 12:00 – 1:50 PM

Office: SB2 460

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Office Hours: tentatively T/Th 3-4 PM, W 2-3 PM, or by appointment

Introduction: You are responsible for **ALL** information given in lecture. This includes any announcements or schedule changes. Regular lecture attendance is *strongly encouraged*. If you miss a lecture, do not contact me to ask what you missed...check Blackboard or ask another student in the class.

Text: Essential Biochemistry, Pratt and Cornely, Wiley

Grading: There will be a total of 440 points possible for this class (100 points for homework, 50 points for quizzes and 300 points for exams). There will be 4 homework assignments (25 points each), 8 quizzes (5 points each) and 3 exams (100 points each). Your grade will be assigned based on the percentage of total points scored in the class according to the following scale:

- A \geq 90%
- B \geq 80%
- C \geq 70%
- D \geq 60%
- F < 60%

Note: this scale may change based on class performance. Plus and minus grades will also be assigned. The deadline to drop this class without it appearing on your transcript is April 12th. I reserve the right to add to or alter the requirements, assignments or point distribution for this class.

Missed Exam Policy:

If you miss an exam, you must contact me within 24 hours. If you do not contact me within 24 hours, a makeup will not be granted. Makeup exams will only be granted for legitimate, **verifiable** excuses. Missed exams must be made up before they are returned to the class or you will be assigned a score of zero for the exam. If a makeup is granted, missed exams will be made up at the SHAC Testing Center (1880 SW 6th Ave. Suite 310, 503-725-5301). To use this testing center, you must present a picture ID and pay a \$10 fee for the service. The only exceptions to these rules are absences for university sponsored events (such as class field trips or sporting events) or students who have arranged an absence with me more than 8 hours prior to the exam.

General Rules and Policies: While in class, you must be respectful of other students and the instructor. No excessive talking or cell phone use is allowed. **Please silence cell phones when entering the classroom.** The use of lap top computers can be distracting to others. If you wish to use a lap top during class please sit towards the back of the room. Dishonesty and/or cheating will not be tolerated.

Accommodation: If you have a learning or physical disability and need accommodation, please inform me. Students requesting accommodations must provide documentation of disability through the Disability Resource Center (4th floor Smith Union).

Homework:

Four assignments worth 25 points each will be assigned on the following topics:

Assignment 1: Protein Structure and Function

Assignment 2: Enzymes

Assignment 3: Metabolism

Assignment 4: DNA and Genes

Suggested Problems from the Text:

These problems will not be collected and are not for credit but may help you to prepare for your exams. It is essential to know the glossary terms listed at the end of each chapter.

Chapter 1: 1-3, 5-19, 21

Chapter 2: 1-9, 11, 14, 16, 19-21, 25-36, 38-42, 44-46

Chapter 3: 1-4, 5-10, 12-15, 17, 19-23, 28-29

Chapter 4: 1-3, 7-12, 15-16, 20-25, 27-30, 35-36, 38-47, 51-55

Chapter 5: 1-3, 5-8, 10-11, 14-18, 20-22

Chapter 6: 3-5, 7, 9, 11-15, 18-19, 21, 24, 39, 43, 47-49

Chapter 7: 1, 5-19, 21, 24-32, 34

Chapter 8: 2, 3, 5, 7, 9, 10, 13-16, 19, 21, 24, 25, 27, 29, 31, 32, 34, 37

Chapter 9: 1, 3, 4, 6-13, 15

Chapter 10: 1-3, 5-12, 19, 21-24, 27, 30

Chapter 11: 1-4, 6-8, 9 parts b and c, 13-14, 16-18, 27-28

Chapter 14: 1-15, 18, 20-22, 24, 26, 28

Chapter 16: 1-5, 7-8, 10-11, 13-15

Chapter 17: 1, 2, 7, 10-13, 15

Chapter 18: 1, 2, 4, 6, 10-13

Quizzes:

Nine quizzes worth 5 points each will be given through Blackboard. Quizzes will be available each week starting no later than Saturday and are due by 11:30 AM (before lecture) on Tuesday. The quizzes will consist of five multiple choice, true/false or fill-in questions covering both material from the previous lecture and basic, important concepts from the upcoming lecture. **No extensions or make-ups will be given for the quizzes.**

Lecture/exam schedule: Below is a *tentative* schedule for the quarter. Material covered on a daily basis will most likely change from the schedule below. Do not plan to miss an exam.

Tuesday:

3/31 Chapter 1/Chapter 2
4/7 Chapter 4
4/14 Chapter 5
4/21 Chapter 6/Chapter 7
4/28 Chapter 7
5/5 Chapter 9
5/12 Chapter 11
5/19 Chapter 14
5/26 Chapter 17
6/2 Chapter 19

Thursday:

4/2 Chapter 3
4/9 Chapter 4/Chapter 5
4/16 Chapter 6
4/23 **Exam #1**
4/30 Chapter 8
5/7 Chapter 10
5/14 **Exam #2**
5/21 Chapter 16
5/28 Chapter 18
6/4 Chapter 20
6/11 **Exam #3 10:15 AM – 12:05 PM**