Instructor: Dr. Edward J. Kennelly  
E-mail: edward.kennelly@lehman.cuny.edu  
Office Hours: Mondays, 4:00-5:00 PM, Davis 123, or by appointment. You may also ask questions anytime via e-mail.  
Lectures: Mondays, 6:00 PM-7:50 PM, Davis 335  

Lecture and Exam Schedule

August 27, Introduction to Biochemistry (Chapter 1)

September 3, Labor Day, College is closed, no classes

September 10, Water (Chapter 2)

September 17, No classes

September 24, Amino Acids and the Primary Structures of Proteins (Chapters 3)

September 30, Proteins: Three-Dimensional Structures and Function (Chapter 4)

October 1, Properties of Enzymes (Chapter 5) and Exam 1

October 8, Columbus Day, College is closed

October 10, (classes follow a Monday schedule) Properties of Enzymes (Chapter 5) and Exam 1

October 15, Mechanisms of Enzymes (Chapter 6)

October 22, Coenzymes and Vitamins (Chapter 7)

October 29, Carbohydrates (Chapter 8)

November 5, Lipids and Membranes (Chapters 9)

November 12, Introduction to Metabolism (Chapter 10) and Exam 2

November 19, Glycolysis (Chapter 11) Term paper due for Bio 644

November 26, Gluconeogenesis, The Pentose Phosphate Pathway, and Glycogen Metabolism (Chapter 12)

December 3, The Citric Acid Cycle (Chapter 13)

December 10, Electron Transport and ATP Synthesis (Chapter 14)

*Lectures will closely follow the organization of the textbook. Students are expected to read the corresponding chapters in preparation for class and exams. Lecture schedule is tentative, and subject to change without notification. PowerPoint slides are taken from the publisher, and are posted on Blackboard for your convenience.*
Classroom Procedures
No food or drink is allowed into the classroom.
Turn off cell phones during lecture.
Only registered students are allowed in the class (no children or unapproved visitors).
Class begins at 6:00 pm sharp. Do not come in late.

Blackboard
This course will use the Web-based classroom organizer called Blackboard. All students are required to have a Blackboard account, and log into Blackboard weekly for assignments and class materials. On occasion, you will be given outside reading and discussion questions to complete on Blackboard. All lecture slides will be posted on Blackboard.

To Access Blackboard
1. Go to Blackboard website at: portal.cuny.edu
2. Login, create a login account if you do not already have one.
3. Under My Course click “Biological Chemistry 400” or “Biological Chemistry 644”
4. Login using the method described above.
   Under left hand frame, click “Course Document.” There you will find the syllabus

Grading for Bio 400
1. Two one hour exams (30%)
2. Laboratory grade (30%)
3. Final exam (20%)
4. Homework (10%)
5. Class and online discussion (10%)

Grading for Bio 644
1. Two one hour exams (30%)
2. Laboratory grade (25%)
3. Final exam (20%)
4. Term paper (15%)
5. Homework (5%)
6. Class and online discussion (5%)

Any questions about a specific grade must be made within 7 days after the return of the graded material.

1. One-hour Exams
There will be two one-hour exams administered during classes (for dates, see syllabus). There are no makeup exams.

2. Laboratory Grade
Your lab instructor will give you a detailed explanation of how your laboratory grade will be determined. You are required to attend ALL of the laboratory sessions. The only acceptable excuse is a doctor’s note. If you have an unexcused absence from laboratory, your overall grade for the course will be decreased one grade. For example, if you final grade for the course is a B+, and you missed one lab, your final grade for the course will be a B. There are no exceptions to this policy.
3. Final Exam
The final exam will be administered during finals week at the designated time. The time of the exam cannot be altered.

4. Term Paper for Bio 644
Every graduate student is required to write a term paper. The term paper will require that you read scientific papers, and summarize your readings in the paper. Term papers will be ten pages typewritten (1 inch margins all around, 12pt Times New Roman font, double space). References must be done in the style of The Journal of Agricultural and Food Chemistry (see http://pubs.acs.org) and should be included after the ten pages of text. More details on the term paper will be given in a separate handout. Student must follow the guidelines for writing the term paper to ensure high marks. The term paper is due on November 19, 2012.

5. Homework
Students are required to do the online multiple-choice homework each week. For each chapter of the Principles of Biochemistry by Horton et al., the Prentice Hall web page has a multiple-choice exam. Go to the following webpage:

www.prenhall.com/horton

This link will connect you to the Prentice Hall web page for our textbook. Follow the links to Chapter 1 of the textbook, and you will find a multiple-choice exam for each chapter. Complete the exam, and submit your results to biochemistry.lehman@gmail.com no later than one week after the appropriate lecture.

6. Class and Online Discussion
Your participation in class and Blackboard-based discussions will be part of your final grade. On occasion, you will also be given outside assignments to read and discuss on Blackboard.

Laboratory
Laboratory will meet for the first time the week of August 29th. The lab manual is available for purchase at the bookstore. Please read the laboratory manual BEFORE you come to lab. You will need to bring a bound notebook to Biochemistry laboratories.

Academic Integrity
Lehman’s policies on academic integrity will be strictly followed. Please see the Undergraduate or Graduate Bulletin for policies on academic integrity.

Grades
For undergraduate-level courses, the grading system is described in the Lehman College Undergraduate Bulletin. The following academic grades are given in Lehman undergraduate programs: A, A-, B+, B, B-, C+, C, C-, D+, D, and F. AUD: Attendance credit. W: The grade in any course from which a student officially withdraws prior to the published deadline, indicating that the withdrawal was without prejudice.

For graduate-level courses, the grading system is described in the Lehman College Graduate Bulletin. The following academic grades are given in Lehman graduate programs: A, A-, B+, B, B-, C+, C, and F. AUD: Attendance credit. W: The grade in any course from which a student officially withdraws prior to the published deadline, indicating that the withdrawal was without prejudice. There is no grade of C- or D in graduate-level courses.
Important Dates

Every Tuesday—homework from the previous week is due
Week of August 27—first laboratory
October 10 and November 12—hour exams
November 19—term paper due for Bio 644
December 17—final exam

Revised 8/26/2012