

Chemistry 673 -102: Biochemistry
Spring 2017
Tuesday 6:00-9:05
Kupfrian Hall 118

Instructor: Yong-Ick Kim, PhD
Office: Tiernan 370
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Office Hours: Mon and Tue from 10:00-11:00 or by appointment

Text: Lehninger Principles of Biochemistry, Sixth Edition, David L. Nelson, Michael M. Cox, W. H. Freeman and Company, NY, ISBN 978-1-4292-3414-6

Course description: This course will offer the basic principles of biochemistry.

(01/17) Week 1. Introduction
(01/24) Week 2. Chapter 1, 2
(01/31) Week 3. Chapter 3, 4
(02/07) Week 4. Chapter 5
(02/14) Week 5. Chapter 6
(02/21) Week 6. Exam 1
(02/28) Week 7. Chapter 7
(03/07) Week 8. Chapter 8, 9
(03/14) Week 9. Spring recess
(03/21) Week 10. Chapter 10
(03/28) Week 11. Chapter 11, 12
(04/04) Week 12. Exam 2
(04/11) Week 13. Chapter 13, 14
(04/18) Week 14. Chapter 15, 16
(04/25) Week 15. Chapter 17, 18
(05/09) Final Test

The NJIT honor code will be upheld, and that any violations will be brought to the immediate attention of the Dean of Students.

Grade

Exams: 75% (25% each exam)
Term paper: 25 %

Term paper

Due: March 31, 2017
Submit a critical review of a high impact biochemistry related research paper (The impact factor of the journal should be higher than 4.) If you published a high impact biochemistry related research paper as a first author, the term paper will be waived by submitting the paper or manuscript.