

Chemistry 473 Biochemistry
Fall 2017
Tuesday & Friday 10:00AM-11:25AM
FMH 307

Instructor: Yong-Ick Kim, PhD
Office: Tiernan 370
Email: ykim@njit.edu
Office Hours: Mon and Thu from 10:00AM-11:00AM 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.

(09/05&08) Week 1. Introduction
(09/12&15) Week 2. Chapter 1, 2
(09/19&22) Week 3. Chapter 3, 4
(09/26&29) Week 4. Chapter 5
(10/03&06) Week 5. Chapter 6
(10/10) Week 6. Exam 1
(10/17&20) Week 7. Chapter 7
(10/24&27) Week 8. Chapter 8, 9
(10/31&11/03) Week 9. Chapter 10
(11/07&10) Week 10. Chapter 11, 12
(11/14) Week 11. Exam 2
(11/22) Week 12. Special topic
(11/28&12/01) Week 13. Chapter 14
(12/05&08) Week 14. Chapter 14
(12/12) Week 15. Chapter 14
(12/19) 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)
Presentation: 25 %

Student presentation

Students will present an assigned method for biochemistry or molecular biology in class. The topic and the date for the presentation will be determined in class.