

Instructor: Gary M. Baker FW 426 [gbaker@niu.edu](mailto:gbaker@niu.edu)

Textbook: Lehninger: Principles of Biochemistry, 4<sup>th</sup> ed.

Office hours: T, W, Th - 10:45 to 12:00.

Text web site: <http://bcs.whfreeman.com/lehninger> Online resources include flash cards, quizzes, living graphs.

***Tentative schedule - divided into 4-week sections:***

Chapter 1:	2 lectures	<b>Exam 1: Thu, September 20: Chapters 1 -3</b>
Chapter 2:	2 lectures	
Chapter 3:	2 lectures	
Chapters 1-3	1 lecture: Review	
Chapter 4:	2 lectures	<b>Exam 2: Thu, October 18: Chapters 4,5</b>
Chapter 5:	4 lectures	
Chapters 4 & 5	1 lecture: Review	
Chapter 6	3 lectures	<b>Exam 3: Thu, November 15: Chapters 6-8</b>
Chapter 7	2 lectures	
Chapter 8	1 lecture	
Chapters 6-8	1 lecture: Review	
Chapter 10	2 lectures	<b>Exam 4: Thu, December 13, 10 - 11:50 AM Chapters 10 &amp; 11</b>
Chapter 11	2 lectures	
Chapters 10 & 11	1 lecture: Review	

**Grading**

- **20%:** On the second and third Tuesday of each 4-week section, a 10 minute quiz will be given consisting of 3 vocabulary words (from the learning objectives handout) and 1 end-of-chapter assigned problem. For example, a quiz will be given on 9/4 and 9/11 during the first 4-week section. Quizzes will be collected and graded.
- **20%:** Each student will be assigned a different drug-targeted protein and will conduct a web-based Protein Data Bank project. The project will be submitted as a Word file with images that describe the protein's structure (according to guidelines) and its clinical relevance. Project will be due **November 2**. Details will be given later.
- **60%: *Students must take all four exams***, each worth 20%. The exam with the worst score will be dropped. An unexcused missed exam will receive a zero and will not be dropped.
- Exceptionally clear and accurate responses to specific exam questions (these will be highlighted) will be awarded 1 or 2 extra credit points.
- Occasional extra credit hand in options will be given throughout the course that can add points to individual exam scores.

**Course Policies**

- *Attendance:* Not recorded.
- *Academic Dishonesty:* Anyone caught cheating will be given an "F" for the course and the incident will be reported. The only portable electronic device that may be used during an exam is a calculator supporting only a numeric display. No graphical calculators, cell phones, media devices, PDAs, or other electronic device may be used during the exam.

**Other**

- *Disability Statement:* Students with disabilities will be accommodated. Anyone needing special access should speak to me early in the semester. CAAR forms are required.