Dr. John M. Finke
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Class Location: 185 SEB   Class Hours: 8:00-9:47 a.m.   Office Hours: 10:00-11:00 a.m. T/Th
Text: Biochemistry, Garret and Grisham, 3rd edition or equivalent
      Solutions Manual / Study Guide / Problems Book (Recommended)

Date   Topic                                      Chapter
1/08   T   Enzyme Regulation                    15
1/10   Th  Enzyme Regulation                   15
1/15   T   Molecular Motors                   16
1/17   Th  Metabolism Overview - Molecular Motors 16
1/22   T   Metabolism Overview                17
1/24   Th  Metabolism Overview + QUIZ 1       17
1/29   T   Glycolysis                          18
1/31   Th  Glycolysis                          18
2/05   T   EXAM 1                             19
2/07   Th  The Tricarboxylic Acid Cycle        19
2/12   T   The Tricarboxylic Acid Cycle        19
2/14   Th  The Tricarboxylic Acid Cycle        19
2/19   T   Electron Transfer and Oxidative Phosphorylation 20
2/21   Th  Electron Transfer and Oxidative Phosphorylation + QUIZ 2 20
2/26   T   Winter Break                        19
2/28   Th  Winter Break                        19
3/04   T   Electron Transfer and Oxidative Phosphorylation 20
3/06   Th  Photosynthesis                      21
3/11   T   Gluconeogenesis, Glycogen Metabolism and the Pentose Phosphate Pathway 22
3/13   Th  EXAM 2                             22
3/18   T   Gluconeogenesis, Glycogen Metabolism and the Pentose Phosphate Pathway 22
3/20   Th  Gluconeogenesis, Glycogen Metabolism and the Pentose Phosphate Pathway 22
3/25   T   Fatty Acid Catabolism               23
3/27   Th  DNA Metabolism: Replication, Recombination, and Repair 28
4/01   T   DNA Metabolism: Replication, Recombination, and Repair + QUIZ 3 28
4/03   Th  DNA Metabolism: Replication, Recombination, and Repair 28
4/08   T   DNA Metabolism: Replication, Recombination, and Repair 28
4/10   Th  EXAM 3                             28
4/15   T   Transcription and the Regulation of Gene Expression 29
4/17   Th  Protein Synthesis + Review for Final 30

Final Exam 4/24 (Thursday) 8:00-11:00 a.m. 185 SEB

GRADING: 3 Exams @ 60 pts each (lowest dropped) 120
          3 Quizes @ 20 pts each (lowest dropped) 40
          Final exam (ACS) @ 60 points 60
          220 pts total

Note on grading: At the time of the final grade, points will be added to the quiz and exam scores so that the mean scores on all 3 quizes and all 3 exams are equal. Also,
Registration:
Prerequisite: CHM 235 (or equivalent) and CHM/BCM 453 (or equivalent).

Examinations:
There will be three examinations and one comprehensive final exam. The lowest exam grade will be dropped (this does not include the final). There will also be three short quizzes and the lowest one will be dropped. There will be no make up exams or quizzes, missed exams or quizzes will be recorded as zero. The exams will cover lecture material and may also include assigned reading material.

The topics of the quizzes will be announced the class before the quiz but will generally cover the recent material discussed in the lectures. The purpose of the quizzes is to provide students incentive to stay current with the material.

Grading:
The final grades in this course will be assigned on the basis of the grade distribution for the entire class (curve). After each exam the curve for that exam will be shown in class so you can determine where you stand relative to the rest of the students. I will also indicate an approximate grade distribution for each exam. If you are concerned about your grade I encourage you to talk with me so that we can asses the problem and develop potential solutions.

Office Hours:
In addition to the formal office hours listed, I am willing to meet with any student whenever it is mutually convenient. It is fine to simply come by the office when the door is open and, unless I am in the middle of something important, I will take time to answer questions or schedule a better time. Email questions are encouraged and often I will answer them in class if the answer is lengthy.

However, I will limit the amount of time I am available to answer questions on the day before an exam. This is a deliberate attempt on my part to encourage consistent studying and discourage the practice of “cramming” immediately prior to examinations. Plan your study accordingly and take advantage of the regular opportunities throughout the semester in which I am available to help you.