

CHEMISTRY 152 ELEMENTARY PHYSIOLOGICAL CHEMISTRY SYLLABUS
Summer Semester 2010

MEETINGS: FH 007, MTWTh, 5:30 -9:00 pm

TEXT: Fundamentals of General, Organic and Biological Chemistry, 6th Ed, By:
 McMurry & Costellion
 Study Guide: Full solution manual, By: Susan E. McMurry Prentice Hall 2003

OTHER MATERIAL: You should obtain a Periodic Table, a calculator, laboratory safety glasses

INSTRUCTOR: Mir Shamsuddin, D.V.M., Ph.D.
 Office: FH 403, 773-508-3134

EXAMINATIONS: EXAM 1: July 14, 10
 EXAM 2: July 29, 10
 FINAL EXAM: August 12, 10

EXAMINATION POLICY: 2 Exams 200 pts
 1 Final Exam 100 pts
 2 Quizzes 50 pts
 Labs 100 pts

All points will be combined and reduced to a percentage before assigning the letter grade.
 No letter grade for individual exams.

Grading Scale:

| | | | | |
|----|---------|----|--------|-------|
| A | 95-100% | C+ | 71-75% | F<50% |
| A- | 91-94% | C | 66-70% | |
| B+ | 86-90% | C- | 61-65% | |
| B | 81-85% | D+ | 56-60% | |
| B- | 76-80% | D | 51-55% | |

MAKE-UP EXAMS AND QUIZZES WILL NOT BE GIVEN: If a properly documented emergency (minimally written, signed, and documented by doctors, judges or similar officials, along with notification prior to the examination as well as appropriate reason and valid time period is required) prevents one from taking an exam, the instructor may allow an averaging of the other two examinations to calculate a grade for an excused exam. Absence from the final examination will result in a zero for that exam. Note—*no makeup work, extra credit, or the like will be awarded*; such an opportunity would not be fair to the others in the class and will not be entertained.

INSTRUCTOR PRIVILEGES: The instructor reserves the right to correct any error in the syllabus or modify this syllabus as deemed necessary.

Reminder of Important Policies for the Course Chem 152 Summer 10

Academic Dishonesty

The pressure of getting excellent grades can lead to frustration. However do not let such pressure interfere with your academic honor. It will be an unpleasant situation and there will be consequences if you are caught cheating, a failing grade for the course will be given. No note cards or other material can be used during exam.

Nursing students' integrity and trust is one of the most important aspects of professionalism. Any student found cheating on any examination will receive an automatic "zero" for that exam and his/her name will be brought to the attention of the Chairman of the Chemistry Department as well as the Dean of the Nursing School. It will then be decided whether further disciplinary action is necessary (in such situations, a permanent note of academic dishonesty will be attached to one's official records and transcripts).

Ethics Policy

Do not talk during class. Try not to disturb class during lectures or exam period. Be Respectful to the instructor and to your peers. If you have a problem during course, please come to me before or after the class and I will try to find the best solution.

Other Notes

1. No food or drinks are allowed in the classroom or laboratory.
2. Use of cell phones in the classroom will not be permitted; you may not bring one into the classroom unless ringer is turned off.
3. Read textbook prior to attending class.

Academic integrity is a very essential element in the educational process. For detail of the official policy regarding academic integrity visit:

http://www.luc.edu/cas/pdfs/CAS_Academic_Integrity_Statement_December_07.pdf

Chem 152 Summer 2010 Tentative Class Syllabus

| Date | Day | Chap | Description |
|--------|-----|------|---|
| July 6 | T | 18 | Amino Acids and Proteins |
| 7 | W | 18 | Amino Acids and Proteins |
| 8 | Th | | QUIZ 1, Lab 1: Carbohydrates, Lab 2: Proteins |
| 12 | M | 19 | Enzymes and Vitamins |
| 13 | T | 19 | Enzymes and Vitamins |
| 14 | W | | EXAM I, Lab 3: Fat and Lipids |
| 15 | Th | | Lab 4: Quant. of Vit. C Lab 5: Aspirin Synthesis |
| 19 | M | 24 | Lipids and Fats and Energy |
| 20 | T | 21 | Biochemical Energy and Carbohydrate Metabolism |
| 21 | W | 21 | Biochemical Energy and Carbohydrate Metabolism |
| 22 | Th | | Lab 6: Enzymes, Lab7 Chromatography |
| 26 | M | 21 | Biochemical Energy and Carbohydrate Metabolism |
| 27 | T | 23 | Carbohydrate Metabolism |
| 28 | W | 25 | Lipid Metabolism |
| 29 | Th | | EXAM II, Lab 8: Physiological Fluid |
| Aug 2 | M | 26 | Nucleic Acid and DNA/RNA molecules |
| 3 | T | 26 | Nucleic Acid and DNA/RNA molecules |
| 4 | W | 27 | Genome |
| 5 | Th | 20 | QUIZ 2, Hormones and Messengers |
| 9 | M | 29 | Physiological Fluid |
| 10 | T | 29 | Physiological Fluid |
| 11 | W | 29 | Physiological Fluid |
| 12 | Th | | FINAL EXAM |