INTRODUCTORY BIOCHEMISTRY LABORATORY

01:694:313 Spring 2008

Required text:  Experimental Biochemistry by Switzer and Garrity

Course Coordinator:  Dr. F. Deis, Nelson A-311, phone 732-445-2814, deis@rci.rutgers.edu

Some tests and lectures will be in Nelson A-237, the second floor conference room
Laboratory meets in Nelson B-437  sec 01, Thu 4-5 (1:40 PM)  63616
                  sec 02, Fri 1-2 (8:40 AM)  63617
                  sec 04, Tue 7-10 PM  64815
                  sec 05, Thu 7-10 PM  63618

Teaching Assistants:  Jamie Joseph, jmjoseph@rci.rutgers.edu, 01 and 04
                     Barbara Wilimczyk, basiaw@rci.rutgers.edu, 02 and 05

This syllabus is tentative and is subject to change:
Week of Tuesday:
Lab does not meet until Tuesday January 29.  Report to lab, Nelson B-437.
Jan  29    [no experiment]   “Get Acquainted” session
Feb  5    Experiment 1         Photometry
Feb 12   Experiment 2 & 6      Amino Acids & Proteins
Feb 19   (Expt 25)            Bioinformatics
Feb 27   Experiment 4         Electrophoresis of Proteins
Mar  4    Experiment 12        Carbohydrate
Mar 11   QUIZ
Mar 18   [no experiment]      Spring Break
Mar 25   Experiment 7         Galactosidase Km
Apr  1   Experiment 7         Galactosidase Inhibition
Apr  8   Expt 19 & Miniprep   DNA, plasmids
Apr 15   Molecular Biology    Restriction Cleavage Videos
Apr 22   FINAL

Attendance at lab is required.  Absences cause your grade to be lowered.  Lab notebooks will be checked regularly.  Laboratory work requires not only your physical presence, but also that your work be checked as satisfactory by your laboratory instructor before you leave.  Lab grades are determined by the teaching assistants.  Lab quiz scores, lab reports, attendance, and overall performance will be considered in determining the course grade.  Please be considerate and remember that several other sections utilize the same space -- clean up your area and your glassware before you leave!