INTRODUCTORY BIOCHEMISTRY LABORATORY

01:694:313 Spring 2006

Required text: Experimental Biochemistry by Switzer and Garrity

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

Tests and some 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) 64154
sec 02, Fri 1-2 (8:40 AM) 64155
sec 04, Tue 7-10 PM 65587
sec 05, Thu 7-10 PM 64156

Teaching Assistants: Lee Scozzare, hansa@si.rr.com (02 and 04)
Avantika Gopalakrishnan, avantika@eden.rutgers.edu (01 and 05)

This syllabus is tentative and is subject to change:
Week of Tuesday:
Jan 24 [no experiment] “Get Acquainted” session
Jan 31 [no experiment] administrative hiatus
Feb 7 Experiment 1 Photometry
Feb 14 Experiment 2 & 6 Amino Acids & Proteins
Feb 21 (Expt 25) Bioinformatics
Feb 28 Experiment 4 Electrophoresis of Proteins
Mar 7 Experiment 12 Carbohydrate
Mar 14 [no experiment] Spring Break
Mar 21 QUIZ
Mar 28 Experiment 7 Galactosidase Km
Apr 3 Experiment 7 Galactosidase Inhibition
Apr 10 Expt 19 & Miniprep DNA, plasmids
Apr 17 Molecular Biology Restriction Cleavage Videos
Apr 24 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!