Bio. 251.01 – Molecules, Cells and Organisms

Fall, 2001

Professor Robertson
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Office hours: Thursdays, 1:00 – 3:00 pm
& by appointment

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Description: This course focuses on the cellular and molecular mechanisms underlying the life processes of organisms. It will examine major metabolic functions with emphasis on membrane structure and function, energy transduction (respiration, photosynthesis) and their regulation, and the Central Dogma. The course will make use of several model organisms as well as questions and approaches that will have application in the next course, Bio. 252, Organisms, Evolution and Ecology.

Resources:


Additional readings from the primary and secondary literature.

Evaluation:

- Mid-term exam 100 pt. (Oct. 19)
- 6 quizzes 25 pt. each
- Lab work 450 pt. (approx.)
- Comprehensive final exam 200 pt. (Dec. 19)

900 pt. (approx.)

Note: The final exam date is not negotiable!

Attendance and participation in class is required. If student work is missed with an excuse verified through the Health Center or the Student Affairs office, the work will generally not be made up; the total number of points available to you will be reduced and your course grade will be determined by the percentage of the available points which you obtained. Exams or in-class assignments missed without a verified absence will be graded as 0 points. Assignments turned in after the deadline will have 5 points deducted for each day late.
Be forewarned: computer problems are not a legitimate excuse for late work. If an assignment is due at the beginning of class and you are late for class, your assignment counts as one day late.