Syllabus

MATH 1501 SB1/SB2: Calculus I for Biologists

Fall 2012
MF 1:05 pm – 1:55 pm Skiles 254
TTh 12:05 am – 1:25 pm Boggs B6
School of Mathematics
Georgia Institute of Technology

Instructor:
Antonio Cicone
017 Skiles
Office: (404) 894 – 9458
cicone@math.gatech.edu
Office Hours:
Th 2:00 – 3:00 pm
or by appointment.

Teaching Assistant:
Moreed Khosravanipour
254 Skiles
khosravanipour@gatech.edu
Office Hours:
TBA


Course Content: We will cover most of chapters 1 – 4 including discrete–time dynamical systems, derivatives and their applications, differential equations, integrals and their applications.

Homework: No homework will be collected. It is recommended you solve all assigned problems. All quiz problems will come from Assigned problems.

Assessment: There will be 9 Quizzes (the two lowest scores will be dropped), 3 Midterm tests (for tentative date refer to the Course Schedule) and a Final Exam.

The final exam will be cumulative and it will be taken on Tuesday 12/11/2012 from 11:30 am to 2:20 pm. No student should miss the final.

All quizzes–tests–final exam are not open – booked (i.e. textbooks/notes are not allowed during them) and all tests–final exam contain problems similar to the homework problems, they are another way to test your homework effort. Therefore, it is important that you work on homework problems.

Electronic Equipment: The use of calculators as well as cell phones, tablet, laptops etc. is not permitted on quizzes, midterms and final exam.

Tentative Schedule: [Tentative Course Schedule]

Grading: Grades will consist of 35% from quizzes, 30% from midterms and 35% from the final exam. Grades will be assigned according to the following scale: 91 – 100 A, 81 – 90 B, 71 – 80 C, 61 - 70 D, 60 and below F.

Borderline Cases: If your percentage is near a border line, it will be handled individually with the consideration of other factors such as attendance, study effort, classroom contributions, performance over time, clarity of quizzes, midterms and final exam. Note that your grade could be either up or down by these considerations.

Policy on Make – up: No make-up quizzes are given. Missing a quiz results in a “0” score. However, 2 quizzes with the lowest scores will be dropped from the final grade.

Make – up midterm tests will be given only in case of an excused absence (e.g. a documented medical excuse or letter from the dean of students). Student athletes should inform the instructor ahead of time of any team travel schedules that conflict with a scheduled test. Missing a test without a valid excuse will result in a “0” score for that test.

Academic Honesty: Each student in this course is expected to abide by the [Georgia Tech Honor Code] Any evidence of Honor code violations will be reported.

Extra Help: [The Math Lab]