

MATH 1170 (Spring '07)

Lecturer: Alla Borisjuk

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Office Hour: Friday 9:30-10:30 AM, at LCB 303

Class website: www.math.utah.edu/~borisyuk/1170

Lab Instructor: Aaron McDonald (amcdonal@math.utah.edu)

Lab hours: TBA, Office Hours: TBA

Textbook: *Modeling the Dynamics of Life* by Frederick R. Adler (Second Edition)

Prerequisites: C or better in Math 1050 (College Algebra) or Math1060 (Trigonometry)

Course: This course is designed to teach you the essentials of Calculus while targeting the material and examples to information necessary to life sciences. Therefore, you are not only learning Calculus, you will also be learning many of the applications of Calculus to biological fields. The course will cover chapters 1-4. You are expected to read each section that is covered.

Homework: Homework will be assigned regularly in class and posted on class website. It will be due on Friday at the end of the lecture. After that it will not be accepted, no exceptions. The only way to keep up with the pace of this course is to solve, at the very least, the assigned homework problems in a timely fashion. Math is best learned through practice, and there is a great emphasis in this course on doing problems. It is highly recommended that you do both the suggested and the assigned problems!

Midterms: tentative exam dates are February 9, March 16, and April 20. No make-up exams will be given

Final will be held on May 3, 10:30 – 12:30, same place as lecture. Final will cover all course material.

Labs: The labs are designed to enhance your understanding of course material by using the concepts learned in the lecture in computing projects.

Your grade consists of: Homework (15%), three midterms (15% each), labs (20%), and the final (20%)

Seeking Help: To find help, the students are encouraged to ask questions during study sessions, visit their instructor during the designated drop-in office hours, schedule an appointment, or visit the fine (no-cost) tutoring center of the department of mathematics. The tutoring center is located at the T. B. Rushing Undergraduate Student Center in the basement of LCB. I will tell you what the statistics-friendly hours are in the math tutoring center, as they become known. There are also study rooms and computer labs available. Check <http://www.math.utah.edu/ugrad/tutoring.html>

If you would like additional tutoring, the ASUU Tutoring Center, 330 SSB, offers inexpensive private tutoring (\$6 an hour). A list of private tutors is also available from the math department office or the desk in the tutoring center.

Policy on attendance: Students are expected to attend every class and a lab session. If it is necessary to miss a class, it is the student's responsibility to make-up the missed material.

Please, remember that the last day to drop (delete) a class is January 17; to obtain an NC grade (no credit) is January 22; to withdraw from class is March 2.

Special accommodations: A student who wishes to request consideration for a disability needs to contact the Center for Disabled Student Services in Room 160 Union. This must be done before special consideration will be given in class.

More on the homework and exams: The homework is assigned to give you practice and to help you identify where you are having trouble so that you can ask for help. Show all your work in the homework and the exams, not just the answers. Make sure that you look over your homework when they are returned to you, and if you still do not know why an answer is wrong, ask about it.

A Final Note: The best way to learn math is to practice it. If you have trouble with any of the concepts or the problems, talk to me, talk to the lab TA, or go to the tutoring center. Since ideas will build on each other throughout the semester, it is best to seek help as soon as possible.