MAT 1330 B

University of Ottawa, Fall 2009

Instructor: Dr. Catalin Rada   **catalin.rada@alumni.uottawa.ca**
KED B07-B   613-562-5800 X 2029
LEC 1 Monday, 10:00 - 11:30 ART 026
LEC 2 Wednesday, 08:30 - 10:00 ART 026
DGD 1 Monday, 13:00 - 14:30 MNT 201
DGD 2 Tuesday, 10:00 - 11:30 UCU AUD
DGD 3 Wednesday, 13:00 - 14:30 TBT 0021
DGD 4 Thursday, 11:30 - 13:00 FTX 227
Texbook: Modeling the Dynamics of Life. Calculus for Life Scientists, Custom Edition, Frederick R. Adler, ISBN 0176477128. **Alternatively**, students who have the book: Modeling the Dynamics of Life. Calculus and Probability for Life Scientists by Frederick R. Adler (Second Edition) are welcome to use that.

Course Content: Chapters 1.5-4.4.

Calculators: Only the faculty-approved model **TI 30** is permitted on midterms and the final.

Help Centre: Marion 021, Monday through Thursday: 10:00-7:00, Fridays 10:00-3:00.

Office hours : MON 17:05-18:05.

The dgds will start in the week of September 14.

Assessment: There will be two midterms and a final exam, as well as several assignments. Assignments will be posted on this web-site. NOTE that assignments cover the material of several classes each. You will NOT be able to do an assignment properly in a single afternoon or night. The problems in the assignments give you a good idea of the type of problems in the tests (but the ones on the tests will tend to be easier).

There will be one diagnostic test during the week of September 21. This test will be about high school mathematics knowledge.

There will be no make-up tests. If you miss a test and you bring a doctor's note, the weight of the test will be carried to the final exam.

Assignments will be due at the beginning of class.

Late assignments will not be marked.

Assignments will be returned in the DGD you are registered in. Please make sure your assignment is stapled (if more than one piece of paper) and has your name, student number and DGD written CLEARLY on the front.

The weighting of the course components will be as follows:

Diagnostic test — 5%; **Assignments** — 10% (total); **Midterm I** — 15%; **Midterm II** — 20%; **Final exam** — 50%. Any student who scores less than 40% on the final exam will receive an automatic F, regardless of their marks in assignments or midterms. Any student who scores less than 50% on the final exam cannot receive a higher course mark than E.

General comments There are many worked examples in the book. We will often use different ones in class; other classes might use different ones again. Please take advantage of this wide variety of exercises. Learning mathematics requires solitary work and group efforts. Get together in small groups to discuss the material but solve and write your assignments on your own! This will pay off in the end. If you have suggestions for me to improve our teaching, please tell me right away. Do not wait until the course evaluation at the end of the term, because then only the students after you will benefit from your suggestion. I am available during office hours as well as just before and right after class. Please make use of that, come talk to me about the material, about any questions related to this course. Please do not expect me to answer emails or phone calls on a weekend.

First midterm: OCT 14; **Second midterm**: NOV 18;
Check the web-site for pieces of information regarding your assignment due dates!
Good luck!