DEPARTMENT OF MATHEMATICAL AND COMPUTATIONAL SCIENCES UNIVERSITY OF TORONTO MISSISSAUGA

MAT388H5F LEC0101 Topics in Mathematics Course Outline - Fall 2019

Class Location & Time Tue, 03:00 PM - 05:00 PM MN 1170

Thu, 01:00 PM - 02:00 PM IB 235

Instructor Michael Yampolsky

Office Location DH3022

Office Hours

E-mail Address yampol@math.toronto.edu

Course Web Site

Course Description

Introduction to a topic of current interest in mathematics. Content will vary from year to year.

Prerequisite: Departmental permission; Minimum 2.5 CGPA. (SCI E)

Distribution Requirement: SCI E

Students who lack a pre/co-requisite can be removed at any time unless they have received an explicit waiver from the department. The waiver form can be downloaded from here.

Detailed Course Description

Prerequisites: MAT134Y5/MAT135Y5/MAT137Y5/MAT157Y5/MAT233H5, MAT102H5, MAT223H5/MAT240H5

This course will focus on mathematical modeling techniques with many applications in Biology and other sciences. The course has both computational and theoretical components with a large focus on applications.

Textbooks and Other Materials

Linda J. Allen. An introduction to mathematical biology. Pearson, 2007

Assessment and Deadlines

Туре	Description	Due Date V	Weight
Assignment	On-going take home assignments	On-going	36%
Term Test	Midterm test	2019-10-24	20%
Final Exam	Final exam	TBA	44%
		Total	100%

Penalties for Lateness

There will be no make-up tests, an undocumented absence will result in zero credit. No late assignments will be accepted. A late hand-in will result in zero credit.

Procedures and Rules

Missed Term Work

To request special consideration, bring supporting documentation to the instructor in person during office hours at least one week in advance.

In case of illness, bring a U of T medical certificate to the instructor within one week of the missed work. The certificate must specify the exact period during which you were unable to carry out your academic work.

Missed Final Exam

Students who cannot write a final examination due to illness or other serious causes must file an<u>online petition</u> within 72 hours of the missed examination. Original supporting documentation must also be submitted to the Office of the Registrar within 72 hours of the missed exam. Late petitions will NOT be considered. If illness is cited as the reason for a deferred exam request, a U of T Verification of Student Illness or Injury Form must show that you were examined and diagnosed at the time of illness and on the date of the exam, or by the day after at the latest. Students must also record their absence on ACORN on the day of the missed exam or by the day after at the latest. Upon approval of a deferred exam request, a non-refundable fee of \$70 is required for each examination approved.

Academic Integrity

Honesty and fairness are fundamental to the University of Toronto's mission. Plagiarism is a form of academic fraud and is treated very seriously. The work that you submit must be your own and cannot contain anyone elses work or ideas without proper attribution. You are expected to read the handout How not to plagiarize (http://www.writing.utoronto.ca/advice/using-sources/how-not-to-plagiarize) and to be familiar with the Code of behaviour on academic matters, which is linked from the UTM calendar under the link Codes and policies.

Final Exam Information

Duration: 2 hours Aids Permitted: None

Additional Information

N/A

Last Date to drop course from Academic Record and GPA is November 7, 2019.