DEPARTMENT OF MATHEMATICAL AND COMPUTATIONAL SCIENCES
UNIVERSITY OF TORONTO MISSISSAUGA

MAT334H5F LEC0102
Complex Variables
Course Outline - Fall 2019

Class Location & Time	Tue, 01:00 PM - 02:00 PM MN 2190
	Thu, 03:00 PM - 05:00 PM MN 2190
Instructor	Michael Yampolsky
Office Location	DH3022
Office Hours	
E-mail Address	yampol@math.toronto.edu
Course Web Site	

Course Description

Theory of functions of one complex variable: analytic and meromorphic functions; Cauchy's theorem, residue calculus. Topics from: conformal mappings, analytic continuation, harmonic functions. [36L,12T]

Prerequisite: MAT102H5, MAT232H5/MAT233H5/MAT257Y5,MAT202H5/MAT240H5
Exclusion: MAT334H1, MAT354H5, MAT354H1, MATC34H3 (SCI)
Distribution Requirement: SCI

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.

Textbooks and Other Materials

Stephen D. Fisher. Complex Variables, second edition

Assessment and Deadlines

Type	Description	Due Date	Weight
Quiz	Quiz #1	2019-09-19	5%
Term Test	Term test #1	2019-10-01	20%
Quiz	Quiz #2	2019-10-24	5%
Term Test	Term test #2	2019-11-05	20%
Quiz	Quiz #3	2019-11-21	5%
Final Exam	Final exam	TBA	45%
		Total	100%

Penalties for Lateness

There will be no make-up quizzes or tests. An undocumented absence 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 online petition **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

Note on pre-requisites: pre/co-requisites will be checked by the department during the first or the second week of classes. **If you do not have the required pre/co-requisites then you will be removed from the course at that time.** If you believe that you have the necessary background material, and are able to prove it (e.g., a transfer credit from a different university), then you should submit a '**Prerequisite/Corequisite Waiver Request Form**', which can be found on the MCS website, at https://www.utm.utoronto.ca/math-cs-stats/sites/files/math-cs-stats/public/shared/PrereqCoreqForm-2016-1.pdf

Submit the form to the instructor. You must give a **reason** for requesting a waiver. Simply submitting the form **does not** mean that you can stay in the course.

Material that will be covered in the course: chapters 1-3 of the textbook

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