Math 300 Complex Analysis 2019 Summer 2

Seckin Demirbas
Department of Mathematics
Math Building room 235
s.demirbas@math.ubc.ca
Office hours: M-T-W-Th 11 am to noon
Website: http://www.math.ubc.ca/~s.demirbas/current.html

About the course

This course is an introductory course to complex analysis in which we are going to study topics such as:

- complex numbers,
- complex derivatives and analytic functions,
- elementary functions,
- contour integration,
- Cauchy's theorem,
- Cauchy's Integral Formula,
- Taylor series,
- Laurent series, singularities and residues.

Please note that this course is going to be very very fast paced, which means if you are missing a day of lectures, you will fall behind. In such occasion I highly suggest you come to office hours and we can catch you up with the material.

Book

We are going to be using the book:
E.B. Saff, A.D. Snider, Fundamentals of Complex Analysis with Applications to Engineering, Science and Mathematics, third edition.

Grading Scheme

Quizzes	There are going to be 4 quizzes which are going to be entirely from the homework sets	36%
Homework	Not to be collected.	
Midterm	Every material up to the midterm is covered, NOT from the homeworks	24%
Final Exam	Single comprehensive exam covering material from both courses	40%

Resources

I will be posting the lecture notes online on my website and Canvas. I also have an open-door policy which means that if you see me in my office, you are welcome to come and ask your questions.

Homework: Weekly assignments will be released on my website and on Canvas.

Quizzes: Quizzes are going to be given on Mondays starting the second week. They are going to be 50 minutes long and they will contain questions picked from the homework sets. Please keep in mind that you need to be working on the homework sets every day. Quizzes are a substantial part of your course grade and I expect you to be ready for them since they are from the homework sets.

Missed Quizzes: If you miss one quiz and have medical documentation to support your absence, the weight of that missed test may be transferred to the final exam. If you miss more than one quiz, please make an appointment to discuss the situation with me.

Midterm: We are going to have one midterm which is **not** going to be from the homework set.

Final Exam: The final exam will be a comprehensive exam covering the full course.

Centre for Accessibility: If you are registered with the Centre and require academic accommodations for test writing, it is your responsibility to register the quiz dates with the Centre with sufficient notice for them to accommodate your needs. The course instructors are unable to provide custom accommodations for students during the published quiz times.

Academic Integrity

UBC Academic Calendar entry: http://www.calendar.ubc.ca/vancouver/index.cfm?tree=3,286,0,0

"The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity. At the most basic level, this means submitting only original work done by you and acknowledging all sources of information or ideas and attributing them to others as required. This also means you should not cheat, copy, or mislead others about what is your work. Violations of academic integrity (i.e., misconduct) lead to the breakdown of the academic enterprise, and therefore serious consequences arise and harsh sanctions are imposed. For example, incidences of plagiarism or cheating may result in a mark of zero on the assignment or exam and more serious consequences may apply if the matter is referred to the President's Advisory Committee on Student Discipline. Careful records are kept in order to monitor and prevent recurrences."