

UNIVERSITY OF CALIFORNIA, BERKELEY
DEPARTMENT OF MATHEMATICS

Spring 2018

Math 185: Introduction to Complex Analysis

Section 6, Class No. 41609

Instructor: Slobodan Simić

Office: 1091 Evans Hall

Email: simic@math.berkeley.edu (second best way to contact me after Piazza)

Lectures: TuTh 11:00–12:29 in 3107 Etcheverry Hall

Office hours: Tu 9:30–11:00, Thu 1:30–3:00, and by appointment. I will be available to answer questions on Piazza most days.

GSI: Bryan Gillespie (bgillespie@berkeley.edu); office hours:

- Wednesdays, 12-2 and 3-5 in 939 Evans
- Thursdays, 2-5 in 959 Evans
- Fridays, 2-5 in 939 Evans

Textbook: Donald Sarason, *Complex Function Theory*, American Mathematical Society, second edition, ISBN-13: 978-0-8218-4428-1

Other recommended books: J. Bak and D. J. Newman, *Complex Analysis*, Springer UTM, third edition, 2010

J. W. Brown and R. V. Churchill, *Complex Variables and Applications*, McGraw-Hill, ninth edition, 2013

David C. Ullrich, *Complex Made Simple*, AMS GSM, vol. 97, 2008 (more advanced but beautifully written)

Course web page: <http://math.berkeley.edu/~simic/Spring18/Math185/185.html>

Prerequisites: Math 104 or equivalent.

Homework: Weekly, due each Thursday, unless specified otherwise. Late homework will not be accepted. Two lowest homework scores will be dropped.

Exams: Two midterms and a final. The midterms will be in-class. The exam schedule is:

Midterm 1: Thursday, February 22

Midterm 2: Thursday, April 5

Final: Thursday, May 10, 8–11 AM (exam group 13)

Missed exam policy: No makeup exams will be given for any reason. If you miss a midterm, your score on the final exam will count in its place. However, you cannot "miss" a midterm

retroactively after turning in your exam.

Incomplete grades: The grade of Incomplete is rarely given, and only in cases of documented serious medical or family emergency. An Incomplete grade is to be completed by taking the final exam in Math 185 next semester. You can only receive an Incomplete grade if you have passing scores on the work not missed.

Special accommodations: Students requiring special accommodations for exams must provide documentation from the Disabled Students' Program (DSP) and contact me at least two weeks prior to the first exam, so that arrangements can be made.

Grading policy: Homework 20%, Midterms 20% each, Final 40%.

Each of the four components will be curved into a number on a consistent scale. The four curved grades will be added up and converted into a final course grade.

Piazza: To handle questions outside of class, we will be using Piazza (<https://piazza.com>), a free platform for instructors and GSIs to efficiently manage out-of-class Q&A. On the class dashboard, students can post questions and collaborate Wikipedia-style to edit responses to these questions. Instructors can also answer questions, endorse student answers, and edit or delete any posted content. Instead of emailing me math questions, I encourage you to post them to Piazza. Each student will be invited to join Piazza by email. Please join it as soon as you can, as I plan to use Piazza extensively.

Instead of sending me email, please create a post on Piazza with your question or concern. Private or anonymous post are fine, though they should be used rarely.

Feedback: I appreciate constructive feedback which you can give me in person, by email, or via Piazza.

For all other information, please see the course web page and Piazza.