

Course Information Sheet: Fall 2022, Math 70100

Course Title: Functions of a Real Variable I

Meeting time and place: Tuesdays and Thursdays 9:30 - 11:00AM in Room 5417

Instructor Information:

- **Name:** Prof. Chatterjee
- **Office hours:** Thursdays from 11:15AM - 12:15PM.
- **Office:** Room 4214- 01 at the Graduate Center
- **Email:** shirchat1@gmail.com

Grades: Grades will be computed from the following:

- Homework (30% with lowest two homework grades dropped).
- A single midterm exam (30%).
- The final exam (40%).

Blackboard: Course information and a record of your grades in this course can be found on the Blackboard course website. Please let me know if you have trouble accessing blackboard, or trouble using the blackboard website. Course Information will include a list of homework assignments, a tentative course calendar, and a reference list. I will likely add further documents to this page.

Textbooks: The primary textbooks for the course will be:

- Gerald B. Folland, *Real analysis: modern techniques and their applications*, 2nd edition (1999), John Wiley & Sons.
- Walter Rudin, *Principles of Mathematical Analysis*, 3rd Edition, McGraw-Hill, 1964.

Homework: Homework assignments will be made available on the course website at least one week before the assignment is due. You must turn in your own write up of each homework problem, and mention any sources used. Late homework will not be accepted, and there will be no makeups even for excused absences. Instead, the lowest two homework grades will be dropped including any missed assignments.

Midterm: The midterm will be held on Thursday, October 27th during class. You will be given the full class period to complete the midterm. A makeup will be given only under well documented and sufficiently compelling circumstances.

Final exam: There will be an in class final exam. It will be held sometime during finals week (Dec. 15-21). I'll let you know the date and time as soon as I figure it out.

Academic integrity: You are expected to adhere to CUNY's Academic Integrity Policy which is posted at: <https://www2.cuny.edu/about/administration/offices/legal-affairs/policies-procedures/academic-integrity-policy/>