Math 110b: Introduction to Real Analysis, Part II
Spring 2018.

Instructor: Konstantin Matveev
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Office hours: MW 5–6:20 pm.
Course assistants: TBA

Course description. Core material from measure and integration theory, point set topology, functional analysis, together with some applications.

Textbook.

Prerequisites.
Math 110a or permission of the instructor. Problem-solving will be an important part of this class, so you should also come prepared for that.

Exams.
There will be a midterm exam and a final exam.

• Midterm: Time and location TBA.
• Final Exam: Determined by the registrar block schedule.

Grades.
Your grade in the course will be based on the following:
(1) Homework (30% of your grade).
(2) Midterm exam (30% of your grade).
(3) Final exam (40% of your grade).

LATTE.
All course materials for Math 39a will be available online on LATTE. Log in at http://latte.brandeis.edu using your Unet username and password.

Four-Credit Course (with three hours of class time each week).
Success in this 4 credit hour course is based on the expectation that students will spend a minimum of 9 hours of study time per week in preparation for class (readings, papers, discussion sections, preparation for exams, etc).

Students with disabilities.
If you are a student who needs academic accommodations because of a documented disability you should contact me and present your letter of accommodation as soon as possible. If you have questions about documenting a disability or requesting academic accommodations you should contact Beth Rodgers-Kay in the Office of Academic Services at 63470 or at brodgers@brandeis.edu. Letters of accommodations should be presented at the start of the semester to ensure provision of accommodations. Accommodations cannot be granted retroactively.

Academic Integrity.
You are expected to follow the University’s policy on academic integrity, which is distributed annually as Section 4 of the Rights and Responsibilities Handbook (see http://www.brandeis.edu/studentaffairs/srscrr/index.html). Instances of alleged dishonesty will be forwarded to the Department of Student Development and Conduct for possible referral to the Student Judicial System. Potential sanctions include failure in the course and suspension from the University. If you have any questions about how these policies apply to your conduct in this course, please ask.