INFORMATION

Course: Math 335.

Instructor: Alexandru Ionescu, Office 705, aionescu@math.princeton.edu,

Graders: Ruixiang Zhang and Matt Hernandez.
Undergraduate Assistants: Roy Zhao and Andrew Hahm.

Lectures: Tu–Th 1:30–2:50 and Fr 1:30–2:20 in Room 322.

Office hours: Alexandru Ionescu in Room 705 on Wednesday 2–3.


Main Topics: Holomorphic functions, Cauchy’s theorem, meromorphic functions, the Fourier transform, entire functions, the Zeta function, the Riemann mapping theorem, applications.

Grading: Your course grade will be determined on the following components:
• 10 problem sets (20 points each)
• attendance (20 points)
• in-class midterm exam (50 points)
• final exam (100 points)

Problem Sets: Each problem set will be posted on my website approximately a week before it is due. Problem sets are to be handed in on the due date. You may work with other students on the problem sets, but you must write up your own solutions.

Late Homework Policy: Late problem sets will not be accepted. However, the lowest of your 10 problem set grades will not be counted.

Information: All the handouts will be posted on my website: http://www.math.princeton.edu/~aionescu/Math335.html.