Math 250

Foundations of Mathematics
Spring 2019
MathCS Building W301: MW 10:00am-11:15am

Instructor: Ken Ono (Asa Griggs Candler Professor of Mathematics)
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Office Hours: MW 9:00-10:00am and 1:15-2:15pm (and by appointment)
Course website: The syllabus and problem sets can be found at:
   http://www.mathcs.emory.edu/~ono/ (then click on the course title)

Course Description: This course is a bridge from calculus to more abstract mathematics
courses. It is a small seminar course intended to develop the student’s ability to work with
fundamental logical and mathematical concepts. Emphasis is placed on the careful and
precise expression of ideas.

Prerequisites: Math 112, or Math 112S, or Math 112Z, or the consent of the instructor.

Text: The official text for the course is:
  • I. Stewart and D. Tall, The foundations of mathematics, Oxford Science Pub-

Assignments: There will be two midterms and one (optional) final exam. Regular home-
work assignments will be distributed. Homework will be collected and graded, and students
will present solutions to some homework problems in class. Final grades will be assigned
according to the following weights:

  Each Test (including the Final Exam): 25%
  Homework: 15%
  In class participation: 10%

Note: The Final Exam is optional. For students who do not take the final exam each of
the two midterms will count for 37.5% of the final grade.