

Math 122 / Announcements

Welcome to Math 122! This class will meet on Mondays, Wednesdays, and Fridays at 10 am in Jefferson 250. The course website is: www.courses.fas.harvard.edu/~Math122. It can also be accessed from your account at my.harvard.edu once you have enrolled in the course.

The most important pre-requisite for this course is some familiarity with proofs. Beyond this, the only suggested knowledge is some basic linear algebra, which will be covered very quickly. A review of these topics can be found in Chapters 1, 3, and 4 of Artin. Past students who have succeeded in this course have typically taken Math 23, 25, 55, and occasionally 21.

The website includes a course outline, which details the topics that will be covered in each lecture this semester. You can also find contact information for Professor Benedict Gross (gross@math), head CA/course administrator Emily Riehl (eriehl@fas), and your CAs: Dan Gardiner (gardiner@fas) Tien Anh Nguyen (tanguyen@fas), and Igor Rapinchuk (rapinch@fas).

The text for this course will be Michael Artin's *Algebra*, which is available from the Coop as well as on reserve in Cabot Science Library. Weekly problem sets will be posted on the course website and due on Mondays. Reading assignments are listed on each problem set, typically one or two sections per lecture. Late homework assignments will only be accepted with advance permission from the CAs. Grades will be computed on the following basis: 1/3 Final Exam + 1/3 Homework + 1/3 Midterm Exams. The midterms will consist of two take-home exams and one in-class exam given equal weight. Dates for these can be found on the course outline.

The first two problem sets are currently available on the course website. Please take a look at the second problem set in particular, which is a more accurate representative of assignments for this course. Please read section 2.1 of Artin for Wednesday's class.

Questions about this course should be directed to Emily. Your primary resource for help with course topics will be Dan, Tien Anh, and Igor who will be conducting weekly sections, which are *strongly* recommended, as well as holding office hours.