

Math 615, Winter 2020

Instructor: Mel Hochster
Office: 3078 East Hall
e-mail: hochster@umich.edu

The lecture notes for this course are available as a .pdf file from the Web Page for this course <http://www.math.lsa.umich.edu/~hochster/615W20>. These are a tentative, preliminary version, and only have material for the first part of the course. I expect that some of the topics will be covered as reading only, not in class, that additional topics will be introduced, and the notes will be modified accordingly. The present version has material up to March 9.

Grades for students not already in candidacy will be based on four in-class short answer quizzes (to be given on February 5, March 11, April 1–2 (on-line) and April 20–21 (on-line), and on problem sets: the latter will be distributed, roughly, every other week. There will be approximately 25–30 problems, together with some additional problems designated “Extra Credit.” Grades for students in candidacy will be based on discussions with the student.

Please indicate, with your solutions to problem sets, others with whom you have worked on the problem or other sources and resources you have used in formulating your solution. You may **not** use Web based resources aimed at specific problems in your solutions to problem sets. You may use material from books and from the Web such as texts and lecture notes for the purpose of helping you understand better material related to the problems.

Solutions to Extra Credit problems should be entirely your own work.

Office hours: MW 3–4 p.m., and Th 11–12 a.m. in 3078 East Hall. You may make appointments for other times as well.

I am usually quick to answer questions by e-mail.