

Math 615, Fall 2016

Instructor: Mel Hochster

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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/615W16>. These are a tentative version. I expect to vary the material somewhat from what is in the current version. These notes currently go up to the next to last week of classes.

Grades for students not already in candidacy will be based on four in-class short answer quizzes (to be given on January 27, February 17, March 16, and April 6) 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: these are tentatively M 5–6 p.m., W & F 3–4 p.m. in the Common Area or 2072 East Hall. Particularly for the Monday hour, it is best if you can let me know ahead of time if you are coming after 5:20 p.m. I will also be available, by prior appointment, Tu & Th 8:30–9:30 a.m. in Espresso Royale, and you may make appointments for other times as well.

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