

Math 454 – Axiomatic Set Theory – Fall 2014 – Syllabus

MWF – 11:30-12:20 – KELL 414

1 Professor and contact information

Professor: David Ross

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Office Hours: Monday 10:30-11:20 and 2:30-3:20, Friday 10:30-11:20. Also by appointment.

The telephone is *not* a good way to reach me, best is always email.

Text: Enderton, *Elements of Set Theory*

Coverage: Most of the text, lecture notes I will give you, and some other stuff.

Attendance: Mandatory, though I will not take roll. You are responsible for everything we do in class, even on days you do not attend.

2 Grades:

Homework: The way to learn math is to work homework sets. I will not ask you to turn in every problem I assign; on the other hand, for some of the problems I will want you to write solutions out very thoroughly. The homework all together will be worth 25 points.

Exams: There will be a midterm worth 100 points and a final exam worth 150 points. These will be mainly based on the homework.

Grades: Your semester grade will be based on the exams and the homework.

3 Policies

Make-up work Make-up exams will only be given in very unusual circumstances, with one week prior notification (or, in the event of an emergency, *very* strong documentation of that emergency).

Late Papers Without a very good excuse I reserve the option to not grade or otherwise count these. Even if you do have a verified, legitimate excuse, I will penalize you 5% per each business day that the paper is late, and 100% if it is handed in after I have graded the other students' papers.

Cheating The distinction between working together ("collaboration") and copying from one another ("cheating") is a subtle one. Cheating on the examinations will not be tolerated in this class. It is the student's responsibility to ensure that (s)he does not copy from another student, or let another student copy from him or her. Because homework comprises a large fraction of the semester grade, collaboration there is discouraged as well, at least on the problems that I ask you to turn in. If two students genuinely work together on a problem, their written solution should be sufficiently different to make it clear that each understands the solution. One student should never give an answer to another, though hints as to a solution might be OK.