

Math 454 – Axiomatic Set Theory – Fall 2008 – Syllabus

MWF – 11:30-12:20 – KELL 414

1 Professor and contact information

Professor: David Ross

Office: 319 Physical Sciences Building

Phone: 956-4673

Email: ross@math.hawaii.edu

Course Website: www.math.hawaii.edu/~ross/454.htm

Professor Website: www.math.hawaii.edu/~ross

Office Hours: See website

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

I should be around most of the day MWF, and often TTh afternoons. You are welcome to drop by any time, but office hours are preferable since I have dedicated those hours to meeting with students. If you drop by at other times, I might be hiding somewhere, or I might be busy and ask you to come back some other time, but it won't bother me if you do come by even if I am busy. I don't mean to hide from you! Please do not hesitate to try to arrange meetings outside of stated office hours.

Text: Just and Weese, *Discovering Modern Set Theory I*

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 grade will be based to large extent on 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. Homework must be handed in (or in my mailbox or under my door) by 5:00 PM on the day it is due.

The homework all together will be worth 150 points.

Exams: There will be a midterm worth 100 points and a final exam worth 150 points.

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. 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.