

MATH 4332, SPRING

COURSE INFORMATION

Course:	MATH 4332, Introduction to Real Analysis
Semester:	Spring 2009
Meeting time	MW 4:00–5:30pm
Room:	SEC 203 (provisional — may change)
Instructor:	Dr Michael Field
Email:	mikefield@gmail.com
Office	PGH 602
Office hours	MW 1–2

Textbook: *Set Theory & Metric Spaces*, Kaplansky (AMS Chelsea). The text will be supplemented with extensive handouts.

Assessment

Your course grade will be calculated as follows

Homework		25%	(best of $n - 2$, $n \approx 10$ is number of homeworks)
In term exams	4	75%	(Best 3, no make ups — see also below)

Homework: Copying is not permitted. You should state on your homework papers:

Whom you consulted with. Who consulted you. Specifics of consultation. Sources

Collaboration (*NOT* copying) is acceptable but must be disclosed. Overall I am mainly concerned that you *attempt* the homework problems. Each submitted homework will score 100% if there is evidence of serious effort. Else, the homework scores zero.

Final: At this stage I am not thinking of setting a final. However, my decision on this will depend on how the homework and in-term exams work out. If there is a final, it will count 25% and the in-terms will count 50% (best 2).

Brief class notes

If you don't understand something in the course. . . . Please ask about it in class. Read the appropriate part of the text or handout. Try asking a fellow student. Google. Email me (part of the advantage of email is that it helps by encouraging you to formulate the problem concisely). If all else fails, see me during office hours (or at the end of class).

Extra information and updates will be posted from time to time on my web site <http://nohung.math.uh.edu/~mike/MATH4332>. Solutions for homework and exams will be available on this site. Solutions will *not* usually be distributed in class but everyone is expected to read carefully through solutions.

Date: December 12, 2008.