

# Math 632 – Theory of Functions of a Real Variable II – Spring 2012 – Syllabus

## 1 Professor and contact information

**Professor:** David Ross

**Office:** 319 Physical Sciences Building

**Phone:** 956-4673

**Email:** [ross@math.hawaii.edu](mailto:ross@math.hawaii.edu)

**Course Website:** [www.math.hawaii.edu/~ross/632.htm](http://www.math.hawaii.edu/~ross/632.htm)

**Professor Website:** [www.math.hawaii.edu/~ross](http://www.math.hawaii.edu/~ross)

**Office Hours:** Tentatively MWF 8:40-9:30

Like last semester, I should be around most of the day MWF, and occasionally TTh. Please do not hesitate to try to arrange meetings outside of stated office hours. I don't mind if you drop by other times to see if I am free, as long as you don't mind if I say "no".

**Text:** Real Analysis (2nd Edition) by Gerald B. Folland

**Coverage:** Chapters 4-7 (we've already done some of this) and some of 8-11, topics depending on time and taste (mine and yours).

**Other Books:** I will freely use material from other textbooks, such as those by Rudin, Natanson, Royden, and others.

**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:** I will continue to give homework as last semester, though perhaps not collect/grade as much.

**Participation:** If enrollment remains low, I will want everyone to do some kind of presentation some time during the semester. We will discuss this more in class.

**Exams:** There will be a midterm and a final.

**Grade:** 50% Final, 30% midterm, 20% 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** I reserve the option to not grade or otherwise count these.

**Cheating** The distinction between working together (“collaboration”) and copying from one another (“cheating”) is a subtle one. Cheating on the final examination 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.