Math 421 Introduction to Analysis
Course Description for Semester 101

Instructor:
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Office Hours: Monday 3:10-4:15, Tuesday 11-12, Wednesday 3:10-4:15, Friday 9-10


Final Exam: Monday, Dec. 14, 4 p.m.--5:50 p.m.

Policies: Homework will be assigned and graded, and will count as 18% of your course grade. There will be three tests (17% ea) and a final exam (24%). We will occasionally do in-class worksheets that will count for 7% of the course. The test dates will be announced about two weeks in advance. The final exam is required and cumulative.

In my grading of your written work I will be looking for clarity of exposition and logical coherence, as well as whether your work is correct. Solving problems is lots of fun, and is an ability that will serve you well in whatever you do. The ability to write or speak mathematics clearly – especially when writing proofs – is an absolutely essential skill for graduate study, and for professional mathematicians. It will also serve you well in many other fields of endeavor. Both abilities can be developed quickly with hard work.

Many find it helpful to work homework problems collaboratively, while others prefer to work alone. Each way has its advantages, and I would like for you to try it both ways. Occasionally, there will be a homework assignment for which I will require that you work alone, and without any books or notes other than those of this class. On the other hand, for other assignments, I would like for us to explore the possibility of partnerships.

In any case, remember that to really learn mathematics, you must make it your own.