

Math 504: Complex Variables (Spring, 2000)

How to get an A in this course

I'll try to hand out problem sets frequently. Feel free to discuss problem solutions with each other and with me. I may give hints. I hope to know how to solve the problems I assign. If I can't finish a proof in class or if I make substantial mistakes trying to prove something in class, doing the proof correctly will also be a homework problem. Also there may be times when I don't verify a complicated example correctly and completely, producing another homework problem for you.*

You will need to do all of the following:

- i) Present the solution to one problem orally in class during the first half of the semester.
- ii) Present the solution to one problem orally in class during the second half of the semester.

The problems presented at the board shouldn't be too "stale" – it would be nice if they were presented within a few weeks of their being handed out. Please send me e-mail or talk to me in advance if you wish to present a problem solution. Problem solutions shouldn't take too long: perhaps 10 minutes. If necessary, only an outline of the solution can be presented. The first person who tells me that they want to present a problem solution "owns" that problem, and other people will need to present solutions of other problems.

- iii) Hand in written solutions to two problems per week.

Problems which have been previously presented orally are not eligible for submission in written form, except that a person who presents a problem orally may hand in a written solution to the problem. I'd like written homework solutions in a timely fashion.

* So there will be no errors, only opportunities! "It's not a bug, it's a feature!"