Course: Emory Math 318 “Complex Analysis”  
Professor: Eric Brussel  (Room W414; 7-5605)  
Webpage: http://www.mathcs.emory.edu/~brussel  
Place and Time: MSC W306, TTh 2:30-3:45

Prerequisites: Math 211, 250.

Requirements: You must attend the lectures, do the homework, take the midterms, and ace the final.

Grading: The final grade will be determined by a complicated formula, designed to measure your core understanding of the material, and your ability to solve the homework problems each week. The grades in the end will be curved.

Homework: Credit for homework is based on your submission of clear, concise, rigorous proofs and computations. Homework is assigned every Thursday, and due the following Thursday, in class. Late homework will be acknowledged, but it may not be graded. You may work together on homework problems, but the set you submit must be original. Copying will anger the instructor.

Office Hours: Tuesday 4-5, Wednesday 12:30-1:30.

Test Dates: Midterm 1: Tuesday October 5 (in class)  
Midterm 2: Tuesday November 2 (in class)  
Final Exam: Thursday December 9, 12:30-3:00.

If you can’t make any of these dates, you must notify me weeks in advance.

About Proofs. Learning to write proofs is just like learning to write any other language, and the best way to do it is to get lots of practice. Suggestions:

I. Read your proof back to yourself, critically, after you are done. Make sure it translates into complete, understandable, English sentences.
II. While composing your proof, pretend you are trying to convince someone. Use comments to tell the reader your strategy. Support every line.
III. Use your hypotheses, or explain why you don’t need them.
IV. Be precise about the statement you are trying to prove.
V. Make sure you end up with the statement you are trying to prove.