MATH 345-01
Syllabus
Spring, 2008

Instructor:	Dr. Colin Starr	**Office Hours:**	M 1:40-2:40, T 10:20-11:20
Office:	Collins 308		TH 12:40-1:40, F 8-9:10
Office Phone:	(503) 370-6419		Others by appointment
Home Phone:	(503) 585-4088		
e-mail:	cstarr@willamette.edu	**My URL:**	http://www.willamette.edu/∼cstarr

Required Text: *Complex Analysis with Applications, Seventh Edition*, by Brown and Churchill.

Goals: Complex Analysis generalizes the calculus you are familiar with. In Calculus I, we study change in functions of a single real variable. In Complex Analysis, we study change in functions of a single complex variable. Our goal is to understand the difference this change in the domain makes.

Assessment: Your grade will be computed as follows:

Homework:	200 points
Presentation:	50 points
Midterm Exams:	2@ 100 points each
Final Exam:	150 points

Note that over 33% of your grade is tied to the homework. Essentially, you **cannot pass the course** without doing the homework. On the other hand, good performance on the homework will take a lot of pressure off of the exams. I recommend that you attempt all of the problems alone first, then get together with classmates for those you struggled with, and finally come to me if that doesn't resolve it. I am very happy to help you when needed, but the goal is for you not to need me. Go ahead and struggle!

The procedure recommended above requires that you begin the homework immediately in order to leave time at the end for further assistance. I will collect the homework the second class period after it is assigned.

Homework is to be turned in using LaTeX, mathematical typesetting software with which you should all be somewhat familiar. Further assistance and my own style file are posted on our course website.

You will also be responsible for a group presentation toward the end of the semester on an application of Complex Analysis. I will provide more details when the time gets closer.

I will not take attendance for a grade, but I will expect you to be here every day. If you must miss, you should let me know in advance.

There are two midterm exams; please note that the dates below **are subject to change** if necessary.

Exam I	Friday, February 15
Exam II	Friday, March 21 (Spring Break begins March 22)

The final will be on Saturday, May 3 from 8 to 11 AM. You may not make up any missed exam. If an emergency arises, **contact me prior to the exam.**

Please note: Written responses to all questions must be in complete sentences. I expect correct usage of grammar, spelling, and punctuation at all times; your grade will reflect this! I also expect your work to be neatly written.

If you have special needs (e.g., for a documented disability), it is your responsibility to approach me at least a day in advance of the need for accommodation. To receive accommodation, you must be registered with Disability Services; this office is located in Bishop Health Center in Baxter Hall. (Phone: (503) 370-6471.)

Cheating absolutely will not be tolerated. The minimum penalty for cheating is a 0 on the assignment and a formal notification to the dean. I encourage you to work together on your homework, but your final write-up **must** be your own.

My door is usually open. The office hours above are the times I will definitely be in my office (or nearby), but you are welcome to come by at other times as well. Make sure you come see me whenever you have a question.