Math 1540
Hastings section
Spring 2011

Formal Stuff:
Instructor: S. Hastings
office: 313 Thackeray
telephone: 412 624 8316
email: sph@pitt.edu
class website: www.math.pitt.edu/~sph/1540
office hours: to be announced

Other times by arrangement. Please confirm any appointment you make with me by email, and a reminder on the day of the appointment would also be helpful. Thanks.

I really hope you will come to office hours, and I will make every effort to find a time that we can meet if you can’t make the scheduled times.

If you are going to come near the end of an office hour, it would be safest to let me know by email ahead of time, as I have been known to wander off out of boredom or hunger if no one has come in the first 90 minutes!

Text: Elementary Classical Analysis by Marsden and Hoffman, plus class notes.

Grading:

two hour exams: 20%
final exam 35
homework 25%

EXAM DATES: Wednesday, Feb. 9; Wednesday, March 23.

The final will be held at the time scheduled for Math 1540 in the official exam schedule.

No calculators will be allowed on exams.

Improvement will be taken into account. No grade will be more than one letter grade below your letter grade for the final. The final will be important in deciding borderline cases.
You can discuss homework with fellow students, but the writeup should be done by yourself.

Homework will be assigned on Wednesday or Friday of each week. It is due at the beginning of class the following Wednesday. You can ask questions about it on Monday or send me an email question anytime up to Tuesday night. No late homework will be accepted, as I will go over some of the solutions immediately after they are handed in. To compensate for this, your lowest assignment grade (zero if you miss one) will be discarded in figuring your grade on the homework.

3. Syllabus. I hope to cover sections 5.5-5.7, and then much of what is in chapters 6, 7, 8 and some of 9. In addition we will cover material on line and surface integrals, with the goal of getting to the theorem of Stokes. This will be primarily from notes. I expect that it will include an introduction to differential forms.