Course:
Lecture: TuTh 12:00-1:15 pm  Rm. Kreiger 306

Lecturer: Jacob Bernstein
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Course Website: The course website is http://math.jhu.edu/~bernstein/math407. All relevant material will be posted to this site. Blackboard will be used only for grades.

Text: The course text is:
Princeton Lectures in Mathematics II: Complex Analysis, by E. Stein and R. Shakarchi.

Homework: Weekly homework will be due Thursday in lecture. The problem sets will be posted to the course website the previous week. Late work will not be accepted. There will be 10 sets assigned in total. Homework will count for 30% of the final grade with the lowest grade dropped.

Exams: There will be two in class exams. Together they will count for 70% of your final grade – the higher score will count for 40% and the lower score for 30%. Date of the exams: Thursday, October 12 and Thursday, December 7. There will be no exam during the final exam period.

Working Together: Working together is allowed and encouraged, however it is essential that each student write up his or her own solutions. Use of sources (i.e. other people, books, the internet) without proper attribution will be considered plagiarism.

Material to be Covered:
Complex Numbers
Cauchy’s Theorem
Holomorphic and Meromorphic Functions
Entire Functions
Special Functions

Course Schedule: A (tentative) schedule may be found on the course website.