Math 1540, Spring 2015
Advanced Calculus 2
Lecture: MWF 11:00-11:50am in Allen Hall 103

Instructor: Hao Xu, haoxu@pitt.edu
Office: 402 Thackeray Hall, Phone: 412-624-8337
Office hours: MWF 1:00-3:30pm or by appointment
References: C. Pugh, Real Mathematical Analysis & T. Apostol, Mathematical Analysis
Course Webpage: http://www.pitt.edu/~haoxu/math1540.html

Syllabus: This course aims to prepare you for the analysis prelim exam. In the last semester, we have covered basic topology, metric spaces, functions of single variable. We will cover functions of several variables, vector analysis and Lebesgue integral.

Recitation: Tuesday 10:00-10:50am by Cezar Lupu in Allen Hall 103

Homeworks: Homeworks will be assigned biweekly and posted on the above website. Everyone is encouraged to do as many past prelim problems as possible. http://www.mathematics.pitt.edu/node/815

Exams: Exams are closed book
1st exam: Friday Feb. 20th
2nd exam: Friday Mar. 6th
3rd exam: Friday Apr. 3rd
4th exam: Friday Apr. 10rd
5th exam: Friday Apr. 17th

Grading: Homework (50%), 5 exams (50%)
In general, your grade will be in the range A+ to B, unless you fail the analysis prelim exam and your other work is severely lacking.

Disability Services: If you have a disability, contact both your instructor and the Office of Disability Resources and Services (DRS), 216 William Pitt Union, 412-648-7890/412-383-7355 (TTY) as early as possible in the term. DRS will verify your disability and determine reasonable accommodations for this course.