Summer 2014

Math 104: Calculus I

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General description: This is the first semester of Calculus, it covers topics connected with the problems of basic elementary calculus, applications of integrals, transcendental functions, methods of integration, infinite series, Taylor's theorem, and first order ordinary differential equations. The textbook is: Thomas' Calculus Early Transcendentals Custom Edition for the University of Pennsylvania Pearson 2012. Package ISBN : 978-1-256-82329-2

The main web page for the course can be found at [http://www.math.upenn.edu/ugrad/calc/m104/](http://www.math.upenn.edu/ugrad/calc/m104/). Here you will find the core problems, as well as links to the various resources we offer to help you do well in this course. Much useful information can also be found at [http://www.math.upenn.edu/ugrad/Undergrad.html](http://www.math.upenn.edu/ugrad/Undergrad.html).

Course Syllabus: [http://www.math.upenn.edu/ugrad/calc/m104/math104syllabus.pdf](http://www.math.upenn.edu/ugrad/calc/m104/math104syllabus.pdf)

Homework and Quiz (25%): Problem sets will be assigned most weeks on Thursday, due the following week on Thursday in the lecture. Late homework will not be accepted. The problem sets are assigned in class and will be reannounced via email each Thursday. Each problem set will have several problems, and three of them will be graded. Most Tuesdays, we will have a short quiz.

Exams (75%): We will have 1 midterm and 1 final exams(in-class) during the 6-week program. The tentative schedule for these exams (with approximate content) is:

- midterm, Tuesday, July 22th, 10:00-12:10PM
- Final exam, Thursday, August 7th, 10:00-12:10PM

A doctor's note will be required in order to be considered for a make-up exam. The midterm and final exams together count for 75% of your final grade.(midterm 30% and final 45%)

Support: I will hold regular office hours on every Wednesday after class from 1PM to 3PM. The department provides many opportunities for help with this course. Besides myself, you can find help through the calculus help-page at
http://www.math.upenn.edu/ugrad/calc/help/help.html. The department maintains an online chat-room where Math 104 students can ask a TA questions about the material in the course. To access this service follow the link at http://www.math.upenn.edu/ugrad/calc/help/help.html#online_help.

- The class meets on MTWTh from 10:00AM-12:10PM at DRL 4C8.
- Quiz and problem set grades will be posted on Canvas.