

MATH 114-003 FALL 2013 SYLLABUS

Content. Math 114-003 covers vector-valued functions, partial derivatives, iterated integration, and integration along vector fields. The curriculum follows parts of Chapters 11-16 from the 2012 edition of *Calculus: Early Transcendentals Custom Edition for the University of Pennsylvania* by Jr. Thomas. The lectures will present you with the theory and application of new material. Recitations offer you the chance to ask detailed questions over covered material. Students can find a more detailed list of sections covered at www.math.upenn.edu/ugrad/calc/m114/math114syllabus.pdf.

Expectations. You should attend the weekly lectures, read relevant sections of the text before each lecture, complete and submit homeworks on time, participate in recitations, take the (generally) weekly quizzes in recitations as well as two in-class midterms and a final. You should consult my website to see what topics will be covered. Please come see one of us - the instructor or teaching assistants, at our office hours or by appointment - if you are encountering any difficulty, large or small, with the course.

Instructor. The instructor is Sanjeevi Krishnan.

email sanjeevi@math.upenn.edu
office hours Wed, Thurs 3:00 pm - 4:00 pm and by appointment
office DRL 3C3
site www.math.upenn.edu/~sanjeevi

If you want to email me, please use your penn email addresses. I will generally respond to emails within 24 hours of receiving them Sun-Thurs and within 48 hours of receiving them Fri, Sat.

TAs. Chenkai Huang and Martin Citoler-Saumell are the TAs. They hold office hours and head up the recitations. In particular, they will collect homeworks in their mailboxes, give out quizzes, and give you your overall recitation grade (homeworks, quizzes, participation).

Martín Citoler-Saumell.

email martinci@sas.upenn.edu
office hours Tues 3:00 pm - 4:00 pm, Fri 1:00 pm - 2:00 pm and by appointment
office DRL 3N2A

Chenkai Huang.

email hchenkai@seas.upenn.edu
office hours Fri 10:00 am - 12:00 pm and by appointment
office DRL 3C17

Course Sites. Important dates, announcements, assignments, and topics to cover in lecture will be first posted on my academic website under **teaching** and later the same day under Blackboard. Quiz, homework, midterm, and final grades will be posted on Blackboard.

Grades. Grades are broken down as follows:

midterm 1 25%
midterm 2 25%
final 30%
recitation 20% (quizzes 10%, homeworks 5%, participation 5%)

The TAs will outline specific policies for grading quizzes, homeworks, and participation in the recitations.

Other resources. The department and the larger college offer drop-in tutors, late-night online chats, and other help. Relevant links are on the department website.