

Welcome to Math Ma, Fall 2016!

Section Leader

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Course Assistant

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Course Overview

This course is about the study of functions and their rate of change. Speed, population, and savings with respect to time are all examples of functions, and we are certainly curious about how fast our savings grow! Differentiation (taking derivative of a function) is a powerful tool to understand the rate of change, and we will build up the concept step-by-step. We will also introduce exponential functions and logarithm functions, as they serve as good models for the functions coming from real world.

Course Website

<https://canvas.harvard.edu/courses/17542>

Worksheets, homework, workshops, practice exams and office hours are all there. Check frequently for updates and news!

<http://www.math.harvard.edu/~chiyun/teaching/Fall2016>

Sometimes I will have a slightly different worksheet. You can find the pdf files and solutions here.

Lectures

Lectures are held MWF 10-11 am at SC 113. We will use worksheets in class, but not all the problems on the worksheet are going to be covered. Some problems are left out as extra practice, which you can decide when to make use of. Solutions to worksheet will be posted on the course website after each lecture. During the lecture, always feel free to interrupt me at any time to ask questions, even if it is only that some words on the blackboard are not clear! There will also be time that you are asked to work on the worksheet. This is a good chance to test whether you understand the material just taught. I encourage you to discuss with other students, and ask Johnnie or me questions to clarify any confusion!

Homework

There will be homework after each class, posted on the course website. It should be turned in at the next class before class starts. Johnnie will finish grading the homework and return to you at the next class. Late submission is not accepted. All scores will be recorded at the end of the semester, but there are chances to earn homework drops by writing topic studying guides (12 studying guides = 1 extra homework drop.) To do the homework, you are encouraged to discuss with other students or seek help from the TFs and CAs. However the writeup should be on your own and help from other people should be acknowledged at the top of your assignment. Notice that no calculator is allowed in exams, so you should try to do the homework with the minimum help of them.

Exams

Pre-Midterm Assessment	Tuesday, October 4th	7:00-9:00 pm	SC D
Midterm Exam	Thursday, October 20th	7:00-9:00 pm	SC D
Pre-Final Assessment	Thursday, November 17th	7:00-9:00 pm	Northwest B 103
Final Exam	Tuesday, December 13th	9:00 am- 12:15 pm	TBA

Gateways

Algebra Gateway	Thursday, September 8th	7:00-8:30 pm	SC D
Exponential Gateway	Thursday, November 30	in workshop	
Logarithm Gateway	Tuesday, November 29	in workshop	

Resources

- **Office Hours:** This is the time when I will be sitting at SC 229 waiting for you to come and ask questions. Even if you do not have specific questions, simply drop by, and I might have some interesting math stories which could not be shared in class because of time! The exact time will be announced later after I looked over your schedules. You are encouraged to go to other section leaders' office hours, too. The schedule will be on the course website.
- **Math Study Center (MSC):** This is the place where you can do homework with other Ma students and seek help from the CAs. The MSC is open 7:30-10:30 pm Sundays through Thursdays at SC 216, and is staffed by CAs 8:30-10:30 pm. The schedule of the staffing CAs is as follows.

Sundays	Ezinne, Katherine & Maggie
Mondays	Shanelle & Josh
Tuesdays	Turman, Molly & Johnnie
Wednesdays	Flavia & Daniel
Thursdays	Gabby & China