MA 122 (A1): Calculus for the Life and Social Sciences  
II  
Boston University, Spring, 2016  
Syllabus

Course Information

INSTRUCTOR  Timothy “Hudson” Harper, Boston University, Dept. of Mathematics and Statistics, email: hharper@bu.edu (Just put MA 122 in the subject, but you can email me about anything in the course.)

TIME/LOCATION  8-9 am, Monday, Wednesday, and Friday, STO B50

OFFICE HOURS  3-4 pm Monday, 12:30-1:30 pm Wednesday, and 2-3 pm Friday in PSY 229. You should come by sometime and chat!


WEBSITE  All info for the course including a tentative schedule can be found at: math.bu.edu/people/hharper/ma-122.html. This website will be our friend in keeping us organized together!

OVERVIEW  In this class we’ll start by reviewing differentiation and integration of functions in one variable with applications, and then we’ll move into basics of multivariable calculus that shows up in the context of the life and social sciences, basic economics and finance, and real life problems that almost always involve more than one variable.

Attendance

In short, you should just come to lecture and discussion and try to be on time (I know 8 am is an early class, but I’ll be there with my coffee!). I promise to make it as engaging as I can, but it will involve you working with the students around you to solve problems occasionally during class. This is to make sure you get something practical out of lecture. I will have supplemental material on the website, but it can’t substitute for actually sitting in a room and working together. If for some reason you can’t make it, be sure to check the course calendar for details of what happened in lecture and let me know so that I can handle excused absences. Also, discussion sections are a key part of this course, so you’ll be expected to attend and participate. You’ll have the opportunity to ask questions about homework, work together on practice exercises, and take quizzes (see below!).

1
Assignments

**HOMEWORK**
There will be homework assigned on the website every week to help you learn the material that we’ve covered in lecture. You should do everything assigned, but you will only hand in at lecture every other assignment as indicated online.

**QUIZZES**
On weeks that you won’t be handing in homework, there will be a quiz in discussion based on the previous and current homework assignments. This is to help motivate you to keep working on the homework!

**EXAMS**
There will be two midterms (see the course calendar) and a final on May 7 in our normal meeting place, STO B50. Do NOT book flights, trains, cars, hoverboards, etc. until after the 7th!

Grades

**HOMEWORK/QUIZZES**
Homework and quizzes will account for approximately 40% of your final grade. Late homework will **not be** accepted. However, I will drop your lowest homework grade at the end of the semester (just don’t use this as an excuse to not do an assignment! Especially since something from the homework might show up on a quiz).

**EXAMS**
Each exam will be weighted equally and they will collectively account for approximately 50% of your final grade.

**ATTENDANCE**
You will receive 10% for attendance and participating in lecture (based on what the TF and I can observe and measure).

Important Dates

**TUESDAY, FEBRUARY 23**  
Last day to drop the course **without** a grade of “W”

**FRIDAY, APRIL 1**  
Last day to drop the course **with** a grade of “W”

If you are struggling with the material and falling behind on your work, come talk to me! Then, we can decide together whether or not you should drop or withdraw from the class. In the case of extreme circumstances (sudden/extreme illness, extenuating family circumstances, etc.), a student who would otherwise finish in good standing may receive an incomplete or “I” for their grade. We would then discuss when/how the course would be completed.
Academic Honesty

You are expected to know and adhere to the CAS Academic Conduct Code. While collaboration and sharing of ideas are good, plagiarism will not be tolerated, and relevant university procedures will be followed. This includes copying solutions from other students, books, or online sources without citation. Basically, don’t cheat, don’t steal, and respect yourself and others.