Math 156  Applied Honors Calculus II  Fall 2019

Math 156 is a 2nd semester calculus class for STEM majors. The course develops computational skills and conceptual understanding, with emphasis on how calculus is used in science applications.

Section 1
MTuWF, 10am-11am, 1372 East Hall

Instructor: Robert Krasny, 4830 East Hall, 763-3505, krasny@umich.edu

Office Hours
Wed 3-5pm, Thurs 5-6pm, or by appointment, or drop-in whenever my office door is open

Course Website: [http://www.math.lsa.umich.edu/~krasny/math156.html](http://www.math.lsa.umich.edu/~krasny/math156.html)

Prerequisite: score of 4 or 5 on the Advanced Placement AB or BC calculus exam; if you don’t have the prerequisite, please discuss it with me.

Textbook
There is no required textbook for Math 156; lecture notes will be posted on the course website. For supplemental reading, the following options are recommended.
1. “Calculus II”, by Jerrold Marsden and Alan Weinstein, published by Springer
   a) cheap copies are available from online booksellers
   b) enrolled students may access a PDF on the Math 156 Canvas site
2. “Calculus”, by James Stewart, published by Cengage; any edition is ok and cheap used copies are available from online booksellers.

Homework
Homework is assigned and collected each week on Tuesday. Students may discuss the problems with each other, but each student should write up and submit their own solutions. The writing should be neat and legible, with the sheets stapled together. Solutions will be available on Tuesday afternoon for short-term borrowing from the Askwith Media Library on the 2nd floor of the Undergraduate Library.

Course Grade
homework = 25%
1st midterm exam = 20%, Wednesday, October 2, 6:15-7:45pm
2nd midterm exam = 20%, Wednesday, November 13, 6:15-7:45pm
final exam = 35%, Tuesday, December 17, 8-10am

Advice to Students
1. Questions are encouraged; if something is unclear, please ask a question.
2. Review the lecture notes every few days; make a list of anything that’s unclear and ask me about those points either in class or office hours.
3. On homework and exams, show your work and explain the steps clearly. Getting the right answer is good, but you must explain your work clearly to receive full credit.

Class Policy
Please - no cellphones, web surfing, eating, reading newspapers in class. Thank you!