Math 156  Applied Honors Calculus II  Fall 2020

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

**Section 3:** MTuWF, 8-9am, class meets on Zoom; classes will be recorded for later viewing by students who cannot attend due to illness or time zone issues.

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

**Office Hours:** via Zoom on Wed 3-5pm, Fri 11am-12pm, or email for an appointment

**Website**
1. there is a Canvas site for this section
2. material is also posted at [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:** No required textbook; lecture notes will be posted on the course website. For supplemental reading, the following options are recommended.
2. “Calculus”, by James Stewart, any edition is ok and cheap used copies are available from online booksellers.
3. any high school calculus textbook

**Homework**
There will be weekly homework sets due on Mondays. Students may discuss the problems with each other, but each student should write up their own solutions. The writing should be neat and legible. The solutions should be scanned and uploaded as a single PDF to Canvas.

**Course Grade**
- homework = 25%
- 1st midterm exam = 20%, Wednesday, September 30, 6-8pm
- 2nd midterm exam = 20%, Wednesday, November 11, 6-8pm
- final exam = 35%, Monday, December 14, 8-10am

**SLC Study Groups**
Groups of up to 15 students meet for two hours each week on Zoom to review material, solve problems, and prepare for exams; facilitated by a student who took the class previously. [http://www.math.lsa.umich.edu/~krasny/math156_SLC_video.mp4](http://www.math.lsa.umich.edu/~krasny/math156_SLC_video.mp4)
Registration opens on Wed Sept 9 at 2pm at [http://www.lsa.umich.edu/slc](http://www.lsa.umich.edu/slc)
Students should join as many waitlists as possible; more groups will be opened as needed.
Meetings start the week of Sept 13; email questions to <slcstudygroups@umich.edu>.

**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 minimize distractions in class, e.g. mute audio if there’s background noise, etc. - thank you!