

Section 1: MTuWF, 10-11am, **Section 3:** MTuWF, 11am-12pm, 229 Dennison

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

Office Hours: Mon 4-5pm, Wed 12-1pm, 3-4pm

Course Website: www.math.lsa.umich.edu/~krasny/math156.html

Math 156 is a 2nd semester honors calculus course for engineering and science students with strong math ability. The course develops computational skills and conceptual understanding, with emphasis on how calculus is used in applications.

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 your instructor.

Textbook:

"Calculus", by James Stewart, Brooks/Cole Publishing, 5th edition, ISBN 0-495-46194-6. The bookstores have a custom Michigan version suitable for Math 156. The CD-ROM is not required.

Homework

Homework is assigned and collected in class each week on Tuesday. Students may work together in groups and discuss the problems with each other, but each student will write up and submit their own set of solutions. The homework should be neat and legible. Please staple the sheets together. After the assignment is collected, solutions will be available in a loose-leaf book for short-term borrowing at the Circulation Desk in the Undergraduate Library.

Course Grade

homework = 30%

1st midterm exam = 20%, Wednesday, October 12, 6:15-7:45pm

2nd midterm exam = 20%, Wednesday, November 16, 6:15-7:45pm

final exam = 30%, Thursday, December 15, 8-10am

Advice to Students

1. Questions are encouraged - if something is unclear, please ask a question.
2. Take class notes and review them regularly. When you review the notes, make a list of anything that's unclear and ask me about these points, either in class or office hours. A good strategy is to share the job of notetaking with a partner.
3. On homework and exams, show your work and explain the steps clearly. Getting the right answer is fine, but you must explain your work clearly so the grader can understand it.

Class Policy

Please - no cellphones, laptops, eating, reading newspapers. Thank you!