

Math 213, Calculus III

Monday, Wednesday, and Friday 11:10am-12:00pm,

Hayes Hall 311

www2.kenyon.edu/Depts/Math/Smith

Elly Smith

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Hayes Hall 309-A

740-427-5428

Textbook

Calculus: Multivariable, Fourth Edition,

by McCallum, Hughes-Hallett, Gleason, et al.

Prerequisites

Math 112 (Calculus II) or permission. Please see me to discuss your situation if you have not met this requirement.

Tutoring and Office Hours

Drop-in tutoring is available at the Math and Science Skills Center in Tomsich 101 on Sundays, Tuesdays, and Thursdays from 7 to 10pm. In addition, I will be available for questions in office hours and by appointment, and our lead tutor, Kate Moore, will be available for tutoring. I will arrange to have office hours at times which are convenient for the entire class. You are encouraged to take advantage of tutoring and office hours even if you are not struggling with current material so that you can learn from the questions of others or try extra problems.

Software

We will be using the computer algebra system *Maple* for homework and projects in this course. I will not assume familiarity with *Maple*. The computers in the Peirce lab and Hayes 311 have *Maple* installed. You may also contact Terry Klopčic, the director of laboratories for math and physics, for an installation CD at Hayes 101, x5364, or klopčict@kenyon.edu.

Expectations

Class will start on time (usually for puzzles or jokes). Please do not bring food to class. Since we are in a room with computers, you may check email, etc., before class. However, once lecture or discussion begins, I expect you to be logged out until the conclusion of class. When you do use a computer

(before, after, or during class), you are expected to use it in a way that is consistent with appropriate use as described in the Appropriate Use of Information Services section of the Library and Computing Policies document (<http://www.kenyon.edu/x11746#x13588>).

Grades

Grades for this course will be assigned based on the following components:

Homework	15%
Quizzes	10%
Projects	15%
Exams	40%
Final Exam	20%

Letter grades will be determined by a scale that will be no more strict than the standard scale.

A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
F	0 – 59%

Homework

Solutions should be clearly written and easy to follow. You should use complete sentences and correct grammar. Part of a successful and complete assignment is communicating your work to your reader. All figures and calculations should be explained.

Homework assignments and projects must be turned in at the beginning of class on the due date. Absolutely no late work will be accepted. Exceptions may be made for special circumstances and/or excused absences, but you are required to give appropriate notice. In general, if you know that you will be missing class for some reason, you should turn in your assignment *before* you leave. Your two lowest homework scores will be dropped.

Exams

There will be three midterms and a cumulative final exam. The final will be given on December 13th from 8:30am to 11:30am. Please note that the final is three hours, and plan accordingly.

Course Materials

Video and audio recordings of classes are not permitted. Course materials are also not to be posted on any shared networks or internet sites.

Communication

The best way to communicate with me is through in-person conversations in office hours or after class. I can also be reached via email. I will respond to emails within 48 hours. In general, I will respond in a shorter time period, but do not expect that I will be checking and responding to emails in a real-time basis, especially late at night or on the weekends.

Academic Honesty

Please show respect to your classmates and to me by consistently doing your own work. You are encouraged to work together on homework, but you are expected to write-up each assignment on your own. Make sure to cite sources appropriately in your work. The course policy on academic honesty is the same as that of Kenyon College (<http://www.kenyon.edu/x11747.xml>).

Disabilities

If you have a disability (learning or otherwise) that may affect your ability to succeed in the course, please let me know as soon as possible so that we can make arrangements. You will also need to contact Erin Salva in the Office of Disability Services.