Class Meeting Schedule:

Section	Name	Position	Class Location	Class Times / Dates
001	Maxim Gilula	Instructor	1255 Anthony Hall	MWF 1:50-2:40pm
001	Jon Miles	Recitation Leader	314 Berkey Hall	Th 1:00-2:20pm

A tentative schedule can be found on the next page.
Due to limited class time, some topics might be covered in recitation. Recitation is mandatory.

Instructor/TA Information:

Section	Name	Email	Office Location	Office Hours
001	Maxim Gilula	gilulama@math.msu.edu	C320 Wells Hall	MWF 12:30-1:30pm
001	Jon Miles	milesjo1@msu.edu	MLC in Wells Hall	MTW 12:30-1:40pm

In addition to the set office hours you may contact me or Jon to setup an appointment. You are encouraged to attend office hours.

Supplies:

Textbook:
Vector Calculus, 6th ed.
Authors: J. Marsden and A. Tromba
ISBN-13: 9781429215084

Calculator:
No calculators are required nor allowed in this class.

Homework:

There will be weekly homework that you should expect to be challenging. I plan to make homework part theory and part applications. Plan to spend at least 10-15 hours per week on homework and studying. You are encouraged to work together and ask questions, but please do not consult outside sources for answers to homework. As honors students, you should understand (or trust me) that figuring out answers to problems by yourself is one of the best ways to learn mathematics at this level. ***Homework is due in class on Fridays***.

Quizzes:

There will be three 15-minute quizzes, worth 10% of your grade in total. There will be one more quiz the second week of class (worth 0%) to help me figure out how much linear algebra you know.

Exams:

There will be two in-class exams, each worth 15% of your grade. They are currently scheduled for ***Monday, October 1st*** and ***Monday, November 5th***.

Final Exam:

The cumulative Final Exam is scheduled for ***Tuesday, December 11th, 3:00 - 5:00PM***. If you perform significantly better on the final than your other exams, I will consider replacing the other exam grades with your final exam grade. The location of the final exam is **1255 Anthony Hall**. All exams will be closed book and closed note.

Course Grading:

Your course grade will be based on:

Homework	Quizzes	Exam 1	Exam 2	Final Exam
30%	10%	15%	15%	30%

Tentative Schedule:

	Monday	Tuesday	Wednesday	Thursday	Friday
Week of 8/27			§1.1	§1.3	§1.2, §1.3
Week of 9/3	Holiday		§1.4, §1.5	Chapter 1 Quiz	§2.1
Week of 9/10	§2.2		§2.3		§2.4, §2.5
Week of 9/17	§2.5, §2.6		§3.1, §3.2	Chapter 2 Quiz	§3.2
Week of 9/24	§3.3		§3.5		Review
Week of 10/1	**Exam 1**		§4.1, §4.2		§4.3, §4.4
Week of 10/8	§5.1		§5.2		§5.3
Week of 10/15	§5.3		§5.4		§5.5
Week of 10/22	§6.1		§6.2	Chapter 5 Quiz	§6.3
Week of 10/29	§6.4		§6.5		Review
Week of 11/5	**Exam 2**		§7.1		§7.2
Week of 11/12	§7.3		§7.4		§7.5
Week of 11/19	§7.6		§7.7	Holiday	Holiday
Week of 11/26	§8.1		§8.2	Chapter 7 Quiz	§8.3
Week of 12/3	§8.4		§8.5		Review
Week of 12/10		***Final***			

Course Objectives:

My goal is to give an introduction to the beautiful subject of multivariable calculus that involves much more theory and modern mathematical ideas than MTH 234, which will better prepare students who want to continue their study of mathematics, or just understand what is mathematics at a deeper level. I plan to advance at a much faster pace in this course than I have in MTH 234.

Other Important Dates:

9/24 is the last day to drop with refund.

10/17 is the last day to drop without a grade.