

**MATH.2310 Sec 205 CALCULUS III
SPRING 2024**

Instructor: Dr. Emily Gunawan

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Office Hours (Student Hours): Mondays and Fridays 1:30-3pm, Southwick Hall 350M.
Also available by appointments.

Prerequisites for the Course

Passing grade in Calculus II

Course Materials:

Textbook:

Calculus, Multivariable (Third Edition) by Briggs, Cochran, Gillett and Schulz

Please be sure that the package you purchase includes MyLabMath.

You can purchase through our bookstore or directly from Pearson.

Options available through Pearson (once you register using the instructions given via email):

18 week MML access direct from Pearson costs \$74.99

24 month access direct from Pearson costs \$104.99

You can order a print copy from Pearson also; choose the option “Multivariable book + MyLab”.

ISBN: 9780135998410

Core Topics:

Chapters 12-17 (except 12.3, 12.4, 14.3, 15.8, 16.6, and 16.7). Various enrichment topics may be added if time permits.

Attendance Policy

Students are expected to attend class regularly, as regular attendance is one of the most important contributors to student success. However, students may occasionally need to miss class due to illness, emergency, or caring for a sick family member. In such cases, you are responsible for notifying me of your absences and working with me to arrange to make up any missed work. Please communicate your requests with me regularly and with as much advance-notice as possible.

Likewise, if I should become ill or need to miss class, I will communicate with you via [your UML email](#) as soon as possible with clear instructions.

Assignment Guidelines

How You Will Be Graded

Your final course grade will be based on the following:

Requirement	Description	% Total Grade
Homework	MyLab Math and written homework	15%
Group and Individual Quizzes	Given 1-2 times per week	5%+15%
Exam 1	Friday, February 16	20%
Exam 2	Friday, March 29	20%
Final Exam	During 4/29 - 5/4	25%
Total:		100%

Your final course letter grade will be determined as follows:

Numeric Grade:	Letter Grade:
[93-100]	A
[90-93)	A-
[87-90)	B+
[83-87)	B
[80-83)	B-
[77-80)	C+
[73-77)	C
[70-73)	C-
[67-70)	D+
[63-67)	D
[0-63)	F

Description of Course Assessment

Homework (15%):

For each section of the textbook, there will be an online problem set in **Pearson MyLab Math** (MML), which you can access via our Blackboard course. You are allowed unlimited attempts to answer each problem on MML, so you can aim to earn full credit for MML. If you enter an incorrect answer into MML you will be asked to try again; after several tries, you'll be given a new version of the problem.

If you do not complete an MML homework by the due date, you have two extra weeks to work on the homework to increase your grade and practice your Calculus skills; however, **the grade earned on work completed during these two weeks will be reduced by 20%**. Note: The portion of the work completed prior to the due date will still earn full credit, even if you finish the assignment late.

Please keep a notebook where you can record all your work for the online homework. (An MLM assignment will close two weeks after the full-credit deadline. You can still access it to do practice problems by first going to “Gradebook” on your Pearson course.) In addition to the online homework, occasionally you will need to submit handwritten work. I will inform you in class when there is written homework. Please show all of your work on the homework you turn in.

Group Quizzes (5%) and Individual Quizzes (15%):

The first individual quiz will be on Friday, January 26 (based on Section 13.1, 13.2, 13.3 homework). There will be a short in-class quiz (on paper) almost every week, about 10-15 minutes long. The lowest quiz score will be dropped.

The group quizzes may be more challenging than the individual quizzes, however the groups may ask me for a lot of help and hints. Group members will usually be assigned randomly for each group quiz.

There are no make-ups for missed Quizzes; if you are sick or are away because of military service or a UMass Lowell-sponsored event, please let me know and I will drop that day’s quiz score.

Exams (each of two exams is worth 20%; the final exam is worth 25% of the final grade):

There will be two exams during the semester and a final exam at the end of the session. The two in-class exams will be (tentatively) on **February 16** (Exam 1), and **March 29** (Exam 2).

The final exam will be a common final exam given during April 29 – May 4.

There will be no make-ups for exams, unless prior arrangements have been made with the instructor; in cases of emergency, requests for make-up work may be discussed with the instructor and will be handled on an individual basis.

Optional Calculator for homework:

Calculators will **not** be allowed in exams and quizzes, and they will not be necessary. You may, if you wish, use calculators or computer software like [desmos.com/3d](https://www.desmos.com/3d) and [geogebra.org/3d](https://www.geogebra.org/3d) while working on the homework to approximate answers to certain decimal places.

Academic Integrity Policy

UMass Lowell Online students are expected to be honest and to respect ethical standards in meeting academic assignments and requirements. A student who cheats on an examination or assignment is subject to administrative dismissal. Please visit the <https://www.uml.edu/Catalog/Undergraduate/Policies/Academic-Policies/Academic-Integrity.aspx> Web site for specific details regarding this policy.

Student Disability Services

If you have a documented disability that will require classroom accommodations, please notify me as soon as possible, so that we might make appropriate arrangements. Please speak to me during office hours or send me an email. Visit the [Student Disability Services webpage](#) for further information and to register with that office if you require accommodations.

Tutoring Resources and Centers for Learning and Academic Support Services (CLASS):
CLASS will be offering tutoring and Writing Center services this Fall. [Online searchable tutoring schedules](#) are available that include resources on all campuses.

The math department tutoring center in Southwick 310 offers tutoring Monday through Friday, and on weekends via Zoom. For more details, please check the following link:
<https://www.uml.edu/Sciences/mathematics/Students/For-Students.aspx>

Student Mental Health and Well-being

We are a campus that cares about the mental health and well-being of all individuals in our campus community, particularly during this uncertain time. If you or someone you know are experiencing mental health challenges at UMass Lowell, please contact [Counseling Services](#), who are offering remote counseling via telehealth for all enrolled, eligible UMass Lowell students who are currently residing in Massachusetts or New Hampshire. I am available to talk with you about stresses related to your work in my class.

Diversity, Inclusion, and Classroom Community Standards

UMass Lowell—and your professor—value human diversity in all its forms, whether expressed through race and ethnicity, culture, political and social views, religious and spiritual beliefs, language and geographic characteristics, gender, gender identities and sexual orientations, learning and physical abilities, age, and social or economic classes. Enrich yourself by practicing respect in your interactions, and enrich one another by expressing your point of view, knowing that diversity and individual differences are respected, appreciated, and recognized as a source of strength.

Health and Safety

The safety and health of the UMass Lowell community is our shared priority. In seeking to provide the fullest academic and campus life experience possible, UMass Lowell will rely on all members of our community to act responsibly. For the latest updates on UMass Lowell's COVID policies, please visit www.uml.edu/coronavirus