

Math 319 - Spring 2020

Course Information & Syllabus

Instructor: Ayla Gafni

Office Location: 327 Hume Hall

Office Hours: Tues. 3:30-5pm and Thurs. 9-10:30am or by appointment

Link to Virtual Office Hours: <https://olemiss.zoom.us/j/9733558819>

Email: argafni@olemiss.edu

Lecture Time/Place: MWF 9:30-10:45am in JAC 111.

Textbook:

Linear Algebra and its applications, Fifth Edition, David C. Lay,
together with MyMathLab.

Course Content and Goals

After taking this course, successful students will understand the concepts and rules of linear algebra, will develop problem solving skills, and will be able to apply concepts and theories learned in class to solve some applications.

The course will be made up of four units. All units will be tested on the final exam. Specific objectives for each unit are available on Blackboard.

Unit	Sections	Exam Date
Systems of Linear Equations	1.1-1.5, 1.7	February 19
Matrices & Determinants	1.8, 1.9, 2.1-2.3, 3.1-3.2	March 18
Vector Spaces	4.1-4.6	April 15
Eigenvectors	5.1-5.3	Final Exam only

Office Hours – Tuesday 3:30-5pm and Thursday 9-10:30am

You may attend office hours in person (Hume 327), or virtually using Zoom (<https://olemiss.zoom.us/j/9733558819>). You do not need a Zoom account to attend the virtual office hours.

Office hours are an excellent resource that you are encouraged to take advantage of. In office hours we can discuss concepts from the course, ways to improve study habits, strategies to succeed, concerns about grades, plans for future semesters, or anything that you'd like to talk about. Even if you are doing well in a course, it is good practice to attend office hours occasionally to build a rapport with your instructor.

MyMathLab Homework – Course ID: gafni65359

Online homework will be assigned through www.mymathlab.com. These will total 50 points.

Online homework will be due once a week, on Thursdays at 11:59pm.

Late homework will generally not be accepted.

The lowest homework score will be dropped at the end of the semester.

MyMathLab Notebook

You will need to keep a notebook of correct and complete homework solutions. You should solve the attempts on scratch work or a separate notebook, and reserve the graded notebook for correct solutions. Once you have the correct answer, rewrite the problem and the correct solution in the graded notebook. The goal of the solutions notebook is to give you practice writing out full solutions so that you will be prepared for the exam.

At the top of each page, write the date and the homework set.

For each problem, write:

- The problem number
- The full question (numbers vary so it's important to know exactly what you were solving)
- Your solution showing all your work for that attempt
- The answer in a box

After you complete the online homework set, submit photos or scans of your solutions notebook through GradeScope. Instructions for doing this are posted on Blackboard. The notebooks will be graded mostly on completion, although one solution per week will receive comments.

The deadline to submit your solutions notebook will be 24 hours after the homework deadline. The notebooks are worth a total of 50 points.

MyMathLab Study Plan

The “Study Plan” tab in MyMathLab is an excellent source of extra practice problems. Practice in the Study Plan does not count toward your grade, but is recommended as a tool to prepare for the exams.

Exams: February 19, March 18, and April 15

There will be three midterm exams during the semester. Each exam will be worth 100 points. The exam problems will be similar in format to the examples in class and the homework problems.

If a test is missed for ANY reason, a grade of 0 will be given. Any student who will miss an exam because of an official University function must reschedule and take this test at a time BEFORE the test is scheduled to be given. No other rescheduling will be allowed.

The lowest exam grade can be replaced by the final exam percentage.

Students must show all work for each exam question to receive full credit. Calculators, cell phones, smart watches, and other electronic devices are prohibited on exams. Use of such equipment will be considered cheating.

Final Exam: Wednesday, May 6, at 8AM

The final examination is comprehensive and will be worth 200 points. Every student must take the final exam at the time scheduled.

Grading Scheme

There will be a total of 600 points with the following breakdown:

MyMathLab Homework	50
Solutions Notebook	50
Midterm Exams (100 points each)	300
Final Exam	200

Your final letter grade in the course will be related to your percentage score. The table below is the worst case guarantee. Ranges may be shifted in favor of the students.

Grade	Percentage	Points
A	93–100	558–600
A–	90–92.9	540–557
B+	87–89.9	522–539
B	83–86.9	498–521
B–	80–82.9	480–497

Grade	Percentage	Points
C+	77–79.9	462–479
C	73–76.9	438–561
C–	70–72.9	420–437
D	60–69.9	360–419
F	Below 60	Below 360

Electronic Devices

The use of electronic devices in the classroom is *highly distracting* for both the instructor *and* your fellow students. Please do not use phones or laptops during class. You are permitted to use a tablet and digital pencil to take notes in class. If you have special needs that require the use of another device for taking notes, please discuss this with your instructor.

Attendance Policy

Students who do not attend class within the first two weeks of the semester may be dropped from the roll. Attendance will be recorded for each lecture, but it does not directly count toward your grade.

Oxford students: Attendance will be recorded via a sign-in sheet.

Regional campus students: The instructor will record your attendance.

Academic Honesty

The following statement is the policy of the Department of Mathematics regarding cheating.

Offenses: Cheating on any exam or quiz; theft or attempted theft of exam questions; use of prohibited technology (including cell phones or unapproved calculators) on exams; possession of exam questions prior to the time for examination; shall all be offenses subject to appropriate penalties. Furthermore, the presence of any mathematics (review tests, etc.) during tests shall be subject to the appropriate penalties.

Penalties: The penalty for commission of any offense set out above is a zero (0) on the assignment in question, and a recommendation of failure in the course to the Academic Discipline Committee. Furthermore, if you are found guilty of cheating, then the penalty could also include, subject to the approval of the Chancellor, dismissal or suspension from the University. Please note that any grade of zero (0) given for cheating will not be replaced if the Academic Discipline Committee does not follow the recommendation of course failure.

Withdrawal Deadline: Monday, March 2

Add/Drop Deadline (Refund period ends): **Monday, February 3**

After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the student's academic dean. Unacceptable reasons for late withdrawal include dissatisfaction over an expected grade or a change in a student's degree program or major. In no case may a class be dropped after the last regular class day in any semester, session, or term. Courses dropped after the course withdrawal deadline will still appear on the student's official transcript. The W mark will be recorded if the student is passing the course at the time of withdrawal; the F grade will be recorded if the student is failing.

Disability Access and Inclusion

The University of Mississippi is committed to the creation of inclusive learning environments for all students. If there are aspects of the instruction or design of this course that result in barriers to your full inclusion and participation, or to accurate assessment of your achievement, please contact the course instructor as soon as possible. Barriers may include, but are not necessarily limited to, timed exams and in-class assignments, difficulty with the acquisition of lecture content, inaccessible web content, and the use of non-captioned or non-transcribed video and audio files. If you are registered with SDS, you must log in to your Rebel Access portal at <https://sds.olemiss.edu/rebel-access-portal> to request approved accommodations. If you are NOT registered with SDS, you must complete the process to become registered. To begin that process, please visit our website at <https://sds.olemiss.edu/apply-for-services>.