

MA 322: Matrix Algebra

Fall 2023

CB 214, MWF 1-1:50

Kate Ponto

Email kate.ponto@uky.edu Website www.ms.uky.edu/~kate

Office 739 Patterson Office Tower Office Hours TBA

Course Website: www.ms.uky.edu/~kate/teaching/f23_322.html.

Office Hours Office hours will be an important resource for this class. I will let you know once I've chosen office hours and they will be posted on the class website.

Textbook. The text for this course is *Linear Algebra and Its Applications* by David C. Lay, Steven R. Lay, and Judi J. McDonald. It will be good to have a copy of the text book, but it is not at all necessary to have the most recent edition. Any edition after the 3rd edition is a good choice for this class.

Homework. There will be both written and online homework for this class. Written homework assignments will be posted on canvas. On each assignment selected problems will be graded and there will be partial credit. The lowest homework score will be dropped at the end of the semester.

Online homework can also be found on canvas. Due dates will be posted with individual assignments.

I encourage you to discuss assignments with other students, but your solutions must be written up independently.

All exams and assignments should be neat, legible, and written in complete sentences.

Exams. There will be two exams during the semester. They are tentatively scheduled for:

Friday, September 29, Friday, November 10.

If these dates change, an announcement will be made in class at least a week before.

The final exam will be

Monday, December 11 1:00 - 3:00 PM

Grading. Grades will be assigned based on the following scheme

Online Homework	15%
Written Homework	20%
Exam 1	20%
Exam 2	20%
Final Exam	25%

I will use the usual grading distribution in assigning final grades. (A: 90% - 100%, B: 80% - 89%, etc.)

Academic Policy: For policy regarding attendance, accommodation due to disability, and nondiscrimination statement please see <https://www.uky.edu/universitysenate/acadpolicy>.

Attendance. Regular attendance is expected and is vital to success in this course. While you will not be explicitly graded on attendance, repeated absences may impact your participation grade.

Make up work will be accepted only in the event of an excused absence as outlined by UK Senate Rule 5.2.4.2.

If you are anticipating an absence for a major religious holiday you must notify me in writing of anticipated absences no later than the last day in the semester to add a class. For other scheduled absences you must notify me at least a week before. For unscheduled absences, not later than a week after. I require appropriate verification for absences.

You are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused) per University policy.

You are responsible for announcements made in class as well as any emails sent to your UK email account

Academic Integrity: Please see <https://www.uky.edu/universitysenate/ao> for expectations for academic integrity.

Because a major focus of this course is on developing your skills and fostering creativity, you must not consult outside resources on assignments for this course. You may not copy from any online sites (e.g. Course Hero or Chegg) or utilize composition technologies (e.g. ChatGPT or other GenAI software). Work submitted by students all process work, drafts, low stakes writing, final versions, and all other submissions will be generated by the students themselves. For the purpose of this course, any use of these sites or tools will be considered academic misconduct and consequences will follow University policies. If you have any questions or concerns about this policy, contact your instructor before submitting any assignments.

You are very strongly encouraged to work together on assignments!

Accommodations due to disability: If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (DRC). The DRC coordinates campus disability services available to students with disabilities. It is located on the corner of Rose Street and Huguelet Drive in the Multidisciplinary Science Building, Suite 407. You can reach them via phone at (859) 257-2754 and via email at drc@uky.edu. Their web address is <https://www.uky.edu/DisabilityResourceCenter/>.

Diversity, Equity, and Inclusion The University of Kentucky is committed to our core values of diversity and inclusion, mutual respect and human dignity, and a sense of community (Governing Regulations XIV <https://www.uky.edu/regs/gr14>). We acknowledge and respect the seen and unseen diverse identities and experiences of all members of the university community (<https://www.uky.edu/regs/gr14>). These identities include but are not limited to those based on race, ethnicity, gender identity and expressions, ideas and perspectives, religious and cultural beliefs, sexual orientation, national origin, age, ability, and socioeconomic status. We are committed to equity and justice and providing a learning and engaging community in which every member is engaged, heard, and valued.

We strive to rectify and change behavior that is inconsistent with our principles and commitment to creating a safe, equitable, and anti-racist environment. If students encounter such behavior in a course, they are encouraged to speak with the instructor of record or the college's diversity officer (<https://www.uky.edu/inclusiveexcellence/college-diversity-inclusion-officers/>), who is charged with addressing concerns about diversity, equity, and inclusiveness. Students may also contact a faculty member within the department, program director, the director of undergraduate or graduate studies, the department chair, or the dean. To submit an official report of

bias, hatred, racism, or identity-based violence, visit the Bias Incident Support Services website (<https://www.uky.edu/biss/report-bias-incident>).