

MATH 203-C01: LINEAR ALGEBRA

Summer Session C 2021

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|--------------------|--|---------------|---------------------|
| Instructor: | Martha Hartt | Time: | MTWTh 4:30 – 6:35pm |
| Email: | mhartt@gmu.edu | Place: | Exploratory L111 |

Office Hours: MTWTh 3:00-4:00pm or by appointment, Exploratory 4311

Course Description: Systems of linear equations, linear independence, linear transformations, inverse of a matrix, determinants, vector spaces, eigenvalues, eigenvectors, and orthogonalization.

Textbook: Linear Algebra and Its Applications, by David C. Lay, 6th Edition, Pearson

Sections we will cover:

| Chapter | Sections |
|---------|------------------------|
| 1 | 1, 2, 3, 4, 5, 7, 8, 9 |
| 2 | 1, 2, 3 |
| 3 | 1, 2 |
| 4 | 1, 2, 3, 4, 5, 6 |
| 5 | 1, 2, 3 |
| 6 | 1, 2, 3 |

Pacing We will attempt to get through 1-2 sections per day.

Rough Schedule:

| | |
|-------------------|---------------------|
| June 26 – July 6 | Chapters 1 & 2 |
| July 10 – July 20 | Chapters 3 & 4 & 5 |
| July 24 – July 27 | Chapters 6 & review |

Grading Policy:

| | |
|---------------------|-----|
| Midterm #1 | 20% |
| Midterm #2 | 20% |
| Final Exam | 30% |
| Quizzes | 25% |
| Participation | 5% |

Grading Scale This class will use the standard 10-point grading scale, i.e.:

| | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| A+ | A | A- | B+ | B | B- | C+ | C | C- | D | F |
| 97-100 | 93-96 | 90-92 | 87-89 | 83-86 | 80-82 | 77-79 | 73-76 | 70-72 | 60-69 | 0-59 |

Important Dates:

| | |
|------------------|---------|
| Midterm #1 | July 10 |
| Midterm #2 | July 24 |
| Final Exam | July 28 |

The midterm dates are tentative and I reserve the right to change them if necessary. Midterms will be 1 hour long and the remaining hour of class will consist of lecture

Quizzes: There will be daily quizzes with the exception of the exam days. These will be taken asynchronously, once you start the quiz, you will be given an hour to complete it (although they should not take longer than 10-30 minutes). You will be given a 24 hour period in which you can complete the quiz. No late quizzes will be accepted. However, the lowest quiz grade will be dropped. I may also give a few optional extra credit quizzes, which could replace a low score on a regular quiz. These will occur on Fridays.

Gradescope: All quizzes will be submitted and graded via gradescope. This can be found under the gradescope tab on the blackboard course page.

Exams: There will be **no** make-up exams. A missed exam counts as a zero unless a valid excuse from a physician or the Dean's Office is presented to your instructor and accepted before the date of the exam. Exams will be conducted in person during class time.

Homework: I will post homework problems from the textbook for each section on blackboard. These will not be turned in or graded.

Classroom Policies: To get full participation points, not laptops should be open during class.

Disability Policy: If you are a student with a disability and you need academic accommodations, please contact the Office of Disability Resources at 703.993.2474 or online at <http://ods.gmu.edu>. All academic arrangements and accommodations must be made through ODS and all accommodations on assignments must be arranged at least 3 business days before the assignment.

Academic Integrity: You are expected to follow the GMU Honor Code: <https://catalog.gmu.edu/policies/honor-code-system/>