

George Mason University
Math 203
Linear Algebra

Instructor: Trey Andreani

Section: 003

Email: fandrean@gmu.edu

Time: TR 3:00 - 4:15 PM

Office: Exploratory Hall 4407

Room: Robinson Hall B104

Office Hours: T 4:30 - 5:30 PM

Prerequisite: C or better in MATH 114 or 116.

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

Text: Linear Algebra and its Applications by Lay, et al. ISBN: 9780321982384

Technology: No calculators will be allowed at any point in the course. No phones, tablets, laptops, etc. will be allowed in the classroom. If you violate this policy you will be asked to leave, and will receive a zero on any of that day's assignments.

Homework: Homework will be assigned at the end of each class. Completing the homework assignment is the bare minimum of work you should be doing outside of class. Additional problems are available for those who would like extra practice. Homework will not be collected, but completing it is essential to passing the course.

Exams: There will be two exams during the course. You may not leave the classroom during an exam for any reason. Please come to class prepared. Make-up exams will only be given for extreme circumstances, must be accompanied by official documentation, and I must be notified in advance.

Final Exam: The final exam will be cumulative. The date and time are set by the university, and are non-negotiable.

Grading:

Exams - 30% x2

Final Exam - 40%

Academic Integrity: Violations of the honor code will not be tolerated.

Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.

Tutoring Center: The Mathematics Tutoring Center is located in the Johnson Center room 344. Please see the website for hours of operation.

<http://math.gmu.edu/tutor-center.php>

Important Dates:

Classes Begin - January 22

Last Day to Drop with no Tuition Penalty - February 5

Last Day to Drop - February 12

Final Exam - May 9 1:30 - 4:15 PM

Schedule: (Subject to Change)

Week Beginning On	Tuesday	Thursday
1/21	1.1, 1.2	1.3
1/28	1.4, 1.5	1.5, 1.7
2/4	1.8, 1.9	1.9, 2.1
2/11	2.2, 2.3	2.3, 2.8
2/18	2.9, 3.1	3.1, 3.2
2/25	3.3	Exam 1
3/4	4.1, 4.2	4.2, 4.3
3/11	<i>Spring</i>	<i>Break</i>
3/18	4.4, 4.5	4.5, 4.6
3/25	4.7, 5.1	5.1, 5.2
4/1	5.3	Exam 2
4/8	5.4, 5.5	5.5, 6.1
4/15	6.2, 6.3	6.3, 6.4
4/22	6.5, 6.7	6.7, 7.1
4/29	7.3, 7.4	7.4
5/6	No Class	Final Exam 1:30-4:15PM