Linear Algebra	Professor J. Lawrence
MATH 203, section 4	Exploratory Hall, room $2^2 \times 1051$
Fall, 2017	Tele. 703-993-1466
TR 10:30–11:45	Office hours: TR 3:30–4:00,
Robinson Hall, B104	and by appointment
	`lawrence@gmu.edu`

Course web pages: `http://math.gmu.edu/~lawrence/m203/m203.htm`

Text: *Linear Algebra and its Applications*, by Lay, Lay, and McDonald, fifth edition, publ. Pearson, 2015.

We will cover material from chapters 1–6 of the text. This course provides an introduction to vector spaces, linear functions on vector spaces, systems of linear equations, and the use of matrices in dealing with these things. Topics to be studied include determinants, eigenvalues and eigenvectors, inner products, and Gram-Schmidt orthogonalization.

Required work: Two mid-term tests; frequent quizzes; homework; the final exam.

Your final numerical course grade will be based on your quiz grade and your test grades. These will be averaged to yield your final course grade, with the following weights: first and second tests and the final exam—30% each; quiz grade—10%.

A^+ : 97-100	B^+ : 87-89	C^+ : 75-79	F : below 60
A : 93-96	B : 83-86	C : 70-74	
A^- : 90-92	B^- : 80-82	D : 60-69	

Tentative test dates: The mid-term tests are tentatively scheduled for September 28 and November 2 (both Thursdays). The final exam will be Tuesday, December 19, 10:30–1:15. Calculators and other electronic devices will not be permitted during tests. Make-up exams will not be given.

Integrity is expected. GMU's revered honor system is over 150 years old - much older than GMU itself. Here is relevant policy concerning academic integrity in this class. On tests and quizzes, your work is expected to be exactly that: your work, done without assistance. However, on homework, outside assistance or assistance from other class members is condoned. (That said, homework is most helpful to you if you try extremely hard to work all the problems without any assistance, not even the assistance of the

answers in the back of the book. Attempt all the problems in this way, and only then look in the back!)

Contact the **Office of Disability Services** if you are a student with a disability and need academic accomodations. For more information, call ODS at 993-2474, or visit `http://ods.gmu.edu` .

Math Tutoring Center: Johnson Center, room 344. Additionally, the math department (Exploratory Hall, room 4400; 703-993-1460) maintains a list of **tutors** for hire. For the list, tutoring center hours, and other resources, check here:

`http://math.gmu.edu/help-with-math.php` .