

GEORGE MASON UNIVERSITY

SYLLABUS FOR MATH 203 – 009 SPRING 2021

Instructor: Dr. Haja Razafinjatovo

Office: Online

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Office hours: Live Sessions on Blackboard on Tuesdays and Thursdays, 7pm – 8pm. I will answer questions and make comments on important concepts and exercises.

Lectures: Online videos. Weekly video lectures will be posted on Blackboard by Saturday. The videos will cover 2 to 3 sections per week.

To access the videos, log into the course page in Blackboard and look for Course Content on the left panel. The videos will be there.

Textbook: David C. Lay, *Linear Algebra and Its Applications*, 6th Edition, PEARSON. If you are using the GMU bookstore website to search for the textbook, several items show up for this course. What you need is the first one that says “required”. This is a MyMathLab access code. There is an exact e-book copy of the printed textbook within MyMathLab.

Homework will be assigned within MyMathLab.

MyMathLab Course ID: razafinjatovo45116

Course Description:

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

Materials to be covered: textbook sections 1.1 – 1.5, 1.7, 1.8, 1.9, 2.1 – 2.5, (2.8, 2.9), 3.1 – 3.3, 4.1 – 4.6, 5.1 – 5.5, 6.1 – 6.4.

General Comments:

The course blackboard page contains announcements and useful information for students in this course. This syllabus, solutions to exams, and any handouts will be made available through blackboard. **You are responsible for checking it periodically so that you will not miss important information.**

Grading Policies

Homework. **Problems will be assigned through MyMathLab.** Homework are graded automatically by MyMathLab. Homework will count for **15% of your final grade.**

Quizzes. Quizzes will be assigned **once a week** except on test weeks. They will be posted on Blackboard under Assignments on Fridays, and due back on Blackboard on midnight Sundays. Quiz average will count for **5% of your final grade**.

Exams. Exams are open book, open notes. There will be three (3) online midterm exams. See below for the midterm average weight contribution to the course grade.

Tentative dates for the midterms are:

Test I: Tuesday February 16, 7:00pm – 8:45pm.

Test II: Thursday March 11, 7:00pm – 8:45pm.

Test III: Tuesday April 6, 7:00pm – 8:45pm.

Makeup exams will not be given except in cases of extreme hardship in which case the student has contacted me **in advance**.

Final Exam. There will be a **cumulative final exam**. A tentative date for the final is **Tuesday May 4, 7:30 p.m. - 10:15 pm**. The final exam will count for **25% of your final grade**. The final grading scale is below.

See below for the final exam weight contribution to the course grade. The final grading scale is below. There will be no curve.

The final course grade will be the highest of the following three weighted averages:

Quiz AVG 5%, HW 15%, Mid Terms AVG 55%, Final 25%

Quiz AVG 5%, HW 15%, Mid Terms AVG 54%, Final 26%

Quiz AVG 5%, HW 15%, Mid Terms AVG 56%, Final 24%

Remarks: students having trouble with the homework exercises should seek immediate help. See me or get help from the Math Tutoring Center, 344 Johnson Center.

Final Grade:

A+:	99+;	A:	92-98;	A-:	90-91;
B+:	88-89;	B:	82-87;	B-:	80-81;
C+:	78-79;	C:	72-77;	C-:	70-71;
		D:	60-69;		
		F:	0-59.		