MATH 242 - Linear Algebra, Fall 2018
RKC 100, MW 11:50 am - 1:10 pm

Instructor: Dr. Stefan Mendez-Diez

Office: Albee 315

Office Phone: 758-7265

Email: smendezdiez@bard.edu (Responses may take up to 24 hrs and are not guaranteed on weekends. Please plan accordingly).

Office Hours: M 2-3 pm, W 9:30-10:30 am, Th 10-11 am, or by appointment (I'm generally not available on Fridays).

Textbook: Introduction to Linear Algebra, 5th Edition, by Gilbert Strang.

Course Description:
This course covers the basics of linear algebra in n-dimensional Euclidean space, including vectors, matrices, systems of linear equations, linear independence, bases, determinants, and eigensystems. We will roughly cover the first five and a half chapters of the text. We will also learn how to use the computer software package MATLAB. We will use MATLAB to construct examples of the theories we are studying.

Communication:
All course material will be posted on the course website**.** Urgent announcements may be sent out via campus email. It is your responsibility to regularly check your campus email and the website for updates. The website for the course can be found at:

faculty.bard.edu/smendezdiez/F18/math242/

Attendance:
You are expected to attend class and actively participate.

Homework:
Homework problems will be assigned roughly every week and listed on the website. You should check website regularly for announcements and other important tools. Homework problems will be due one week after they are assigned. You are strongly encouraged to work on assignments with your classmates. However, your solutions should be written by yourself and in your own words. Indicate in writing anyone you worked with or received help from. **No late assignment will be accepted.**

Examinations:
There will be two in-class midterm exams and a final exam. No make- up exams will be given without medical or college-approved documentation. Athletes must give an advance notice of a team conflict. All exams will be closed-book and closed-notes. The tentative exam dates are:

> **Midterm Exam 1: Wednesday, Oct 3**
> **Midterm Exam 2: Wednesday, Nov 14**
> **Final Exam: Wednesday, Dec 19**

Technology:
You will not be allowed a calculator or computer on the exams. We will spend some time working in MATLAB. You do not need to purchase the software, but you should expect to spend some time in a computer lab.

Final Grades: Homework Assignments. 25%
Midterm Examinations (Each) 20%
MATLAB 10%
Final Exam 25%

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

Accomodations:
• Students with documented learning and/or other disabilities are entitled to receive reasonable classroom and testing accommodations. If you need accommodations, please adhere to the following guidelines:

▸ **Discuss your needs with the instructor at the beginning of the semester.**
▸ **Provide documentation as appropriate**.
▸ **Contact the instructor at least one week prior to each quiz, exam or instance of accommodation**.

• If you need to miss a class for any reason (sports team, religious holiday, etc.), it is your responsibility to contact the instructor and find out about the material and assignments you missed.

Academic Integrity:
Consult Academic Dishonesty and Plagiarism or the Bard College Student Handbook regarding this matter.