MAT 262: Linear Algebra, 3 Credits, Fall 2017

Instructor: Dr. Andre Khalil, Nv 324, andre.khalil@maine.edu
Webpage: www.math.umaine.edu/~khalil/courses/MAT262
Class Meetings: MWF 10:00 - 10:50, Shibles Hall 313
Office Hours: M 3:00 - 5:00 (Please also seek help at the Math Lab)

1. GOAL
The goal of this course is to achieve a firm understanding of the basic concepts of Linear Algebra. We will start with Linear Equations and Matrix Algebra and Determinants. Then we will look at Eigenvalues and Eigenvectors. Time permitting, we will work on Vector Spaces. Students are encouraged to work on problems on their own, as it is likely to be the only manner in which to achieve an adequate comprehension of the material.

2. EVALUATION
Students will have six assignments to hand in. There will be three tests and one final exam covering everything seen in class. Assignments = 40%, Tests = 40%, Final = 20%.
IMPORTANT: Assignments must be clean and well written, on single-sided pages, with the full statement of the problem, stapled, and with a cover sheet with your name, assignment number, and the date. Electronic submissions are encouraged.

3. BOOK
We will be using the book Linear Algebra and Its Applications, 5th Edition, by David Lay. The topics covered in class correspond to Chapters 1-5.

4. COURSE SCHEDULE (More information available on the course webpage)
Chap 1: Weeks 1-4, Chap 2: Weeks 5-6, Chap 3: Weeks 7-8; Chap 5: Weeks 9-11, Chap 4: Weeks 12-14

Academic Honesty Statement: Academic honesty is very important. It is dishonest to cheat on exams, to copy term papers, to submit papers written by another person, to fake experimental results, or to copy or reword parts of books or articles into your own papers without appropriately citing the source. Students committing or aiding in any of these violations may be given failing grades for an assignment or for an entire course, at the discretion of the instructor. In addition to any academic action taken by an instructor, these violations are also subject to action under the University of Maine Student Conduct Code. The maximum possible sanction under the student conduct code is dismissal from the University. Students with disabilities statement: If you have a disability for which you may be requesting an accommodation, please contact Disabilities Services, 121 East Annex, 581-2319, as early as possible in the term.
Course Schedule Disclaimer (Disruption Clause): In the event of an extended disruption of normal classroom activities, the format for this course may be modified to enable its completion within its programmed time frame. In that event, you will be provided an addendum to the syllabus that will supersede this version. Sexual Discrimination Reporting: The University of Maine is committed to making campus a safe place for students. Because of this commitment, if you tell a teacher about an experience of sexual assault, sexual harassment, stalking, relationship abuse (dating violence and domestic violence), sexual misconduct or any form of gender discrimination involving members of the campus, your teacher is required to report this information to the campus Office of Sexual Assault & Violence Prevention or the Office of Equal Opportunity. If you want to talk in confidence to someone about an experience of sexual discrimination, please contact these resources: For confidential resources on campus: Counseling Center: 207-581-1392 or Cutler Health Center: at 207-581-4000. For confidential resources off campus: Rape Response Services: 1-800-310-0000 or Spruce Run: 1-800-863-9909. Other resources: The resources listed below can offer support but may have to report the incident to others who can help: For support services on campus: Office of Sexual Assault & Violence Prevention: 207-581-1406, Office of Community Standards: 207-581-1409, University of Maine Police: 207-581-4040 or 911. Or see the OSAVP website for a complete list of services at http://www.umaine.edu/osavp/