APPLIED LINEAR ALGEBRA (MATH 2210Q) – FALL 2018
SECTIONS 1 AND 12

Instructor:	Vyron Vellis (vyron.vellis@uconn.edu)
Office:	Monteith 306
Office hours:	Tuesday, Wednesday 2:30 PM - 3:30 PM,
	Thursday 10:00 AM - 11:00 AM and 5:00 - 6:00 PM
Lectures:	MWF 11:15 - 12:05 in MONT 320 (Section 1)
	MWF 12:20 - 13:10 in MONT 112 (Section 12)

Course description. Systems of equations, matrices, determinants, linear transformations on vector spaces, characteristic values and vectors, from a computational point of view. The course is an introduction to the techniques of linear algebra with elementary applications.

Prerequisite. MATH 1132, 1152, or 2142. Not open for credit to students who have passed MATH 3210.

Resources.

- **Course webpage:** For assignments, topics and other https://sites.google.com/site/vyronvellis/teaching/math2210q-fall2018
- **Textbook:** David C. Lay, Steven R. Lay and Judi J. McDonald, *Linear algebra and its applications, 5th ed.* ISBN-13: 978-0321982384
- **HuskyCT:** huskyct.uconn.edu for grades and class announcements.

Graded components. Your grade breakdown will be as follows: Homework 10%, Quizzes 20%, 1st Exam 20%, 2nd Exam 20%, Final Exam 30%.

- **Quizzes.** Quizzes will be given each Friday (except midterm exam days), covering sections from the previous week at the level of HW exercises. Your lowest two quiz scores will be dropped.
- **Homework.** Homework in the form of problem sets will be assigned and posted on the course webpage. There will be 13 assignments this semester, and each will be due at the beginning of class on the due date (typically on a Wednesday). Late homework will be accepted only under the most extreme circumstances. Your lowest two homework grades will be dropped. I encourage you to work with other people in person or electronically. It's OK to get significant help from any resource, but in the end, please write your own solution in your own words. Copying someone else's work without credit is plagiarism and will be dealt with according to university policy.
- **Exams.** There will be two midterm exams (in class) and a final exam. The first midterm exam will be on **October 5** and the second will be on **November 9**. The final exam will be during the finals week and it will be announced later in the semester.

  Make-up Exams: Make up exams will be given ONLY in a case of an excused absence (family-related crisis, serious health problem or an official UConn business travel). In any of these cases, you will need an official document from a university official verifying your situation. Moreover, you should notify me as soon as possible.

If you are a student athlete and if your team travel schedule conflicts with a schedule exam please let me know ahead of time.

Attendance. You are expected to attend classes regularly. You are responsible for everything announced in class including changes in the course syllabus. THE USE OF MOBILE PHONES IS STRICTLY PROHIBITED THROUGHOUT THE CLASS.

Academic Integrity Policy. Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instance of academic dishonesty to Community Standards. For more comprehensive information on academic integrity, please refer to the Undergraduate Academic Integrity Policy http://community.uconn.edu/the-student-code-appendix-a/.

Q center. The University of Connecticut's Quantitative Learning Center (Q Center) is a resource to elevate the proficiency of students taking quantitative intensive (Q) courses across the undergraduate curriculum. They provide direct assistance to students via peer tutoring, review sessions, and the creation of innovative learning tools. During the academic year, their main activities include: (1) Free drop-in peer tutoring Sundays to Fridays on the second floor of the Homer Babbidge Library, (2) review sessions for students in highly populated Q courses, (3) working with faculty teaching Q courses to improve student learning. For more information see http://community.uconn.edu/the-student-code-appendix-a/.

Disability Support Services. If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Center for Students with Disability: http://www.csd.uconn.edu/. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.