Math 2210Q, Section 1 - Spring 2019

Instructor: Sema Gunturkun
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Office Hours: 2pm to 3:30pm on Tuesdays and Thursdays

Course Name: Applied Linear Algebra
Meeting Time: Tu-Th 12:30pm-1:45pm
Classroom: MONT 225

Description of the Course: The course is an introduction to the techniques of linear algebra with elementary applications; We will cover matrices, determinants, linear transformations on vector spaces, characteristic values and vectors, from a computational point of view.
Prerequisite: MATH 1132Q, 1152Q or 2142Q. Recommended preparation: A grade of C- or better in MATH 1132Q. Not open for credit to students who have passed MATH 2144Q or 3210.
Required Text: *Linear Algebra and Its Applications* by David C. Lay (fifth edition). We will be covering the sections from Chapters 1 - 6 and Chapter 7 if the time permits.

HuskyCT: Check `huskyct.uconn.edu` regularly for class announcements and grade sheet. The instructor reserves the right to make any changes in this syllabus at any time. Notice of such changes will be by announcement in class and also on HuskyCT. It is your responsibility to keep up with the changes.

Online Homework: MyMathLab by Pearson will be used for online assignments. To access the homework you will have to go through HuskyCT (Blackboard). In your account you will find a link to connect MyLab. You are responsible to keep track of the due dates.

Quizzes: There will 15-20 min quizzes (length may vary depending on the topic) almost every week. You will not be allowed to use a book, notes, or any other resources unless the instructor says the exceptions. There will be **NO** make-up quizzes. The lowest quiz scores will be dropped to accommodate any absences or issues that may arise throughout the semester.

Grading scheme: Grades will be calculated based on online homework, weekly quizzes, two midterm exams and a final exam. The following percentages determine the relevant contributions to the final letter grade:

- **Homework:** 10%
- **Quizzes:** 20%
- **1st Midterm exam (in-class on February 28, Thursday) :** 20%,
- **2nd Midterm exam (in-class on April 11, Thursday) :** 20%,
- **Final (TBA) :** 30%.

No make-up exams will be given if you do not have a University approved reason with a sufficient official document for missing an exam.
Please note that vacations, previously purchased tickets or reservations, social events, misreading the assessment schedule, oversleeping and graduations are not viable reasons for rescheduling a final or any exam.

Important dates: Please check Academic calendar of UConn for Spring Semester 2019 at `https://registrar.uconn.edu/academic-calendar/spring-2019/` for important dates such as Add/Drop dates, Spring recess, Final examinations...

Technology: You are welcome to use computers and calculators to understand the course material. However, the emphasis of this class is *conceptual*, so technological aids will not be needed. In particular, calculators (or other technological aids) will not be allowed during quizzes or exams.

Attendance: You are expected to attend classes regularly. You are responsible for everything announced in class including updates in the course syllabus.

Academic Integrity Policy: *"A fundamental tenet of all educational institutions is academic honesty. Academic work depends upon respect for and acknowledgement of the research and ideas of others. Misrepresenting someone elses work as ones own is a serious offense in any academic setting and it will not be condoned. A student who knowingly assists another student in committing an act of academic misconduct shall be equally accountable for the violation, and both shall be subject to the sanctions and other remedies."* See the Uconn Student Code, Appendix A.

Please respect your work and the work of others. Cheating will be taken seriously. Examples of academic dishonesty that will be addressed include, but are not limited to, communicating with anyone other than your instructor during any quiz or exam, representing another persons work as your own (this includes copying or paraphrasing a solution from a friend, solution manual, or website), or bringing unauthorized materials to any quiz or exam.**Consequences may include, but are not limited to, a score of zero on the assignment, quiz, or exam, or a grade of F in the course. All violations are also reported to the Office of Community Standards and will go on your student record.**

All graded material must be your original work. You are expected that you are aware of your individual responsibilities under the academic integrity policy of UConn at `http://community.uconn.edu/academic-integrity-faculty-faq/`. Violations of these policies will not be tolerated and will result in serious consequences and disciplinary action.

Center for Students with Disabilities: The Center for Students with Disabilities (CSD) at UConn provides accommodations and services for qualified students with disabilities. If you have a documented disability for which you wish to request academic accommodations and have not contacted the CSD, please do so as soon as possible.