MATH 2210 Applied Linear Algebra

Math 2210 Applied Linear Algebra Fall 2018
Instructor: Ralf Schiffler
Office: Mont 336
Office hours: TT 2:00-3:00 or by appointment
Email: schiffler at math dot uconn dot edu

Lectures: Mont 421, TT 11:00-12:15

Exam schedule :
Tu Feb 19 6-8 pm in Mont 421
Th Mar 14 6-8 pm in Mont 421
Th May 02 6-8 pm in Mont 421
Material covered: Chapter 4,5,6 up to Gram-Schmidt

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.

Prerequisites: MATH 1132 or 1152 or 2142. Recommended prep: grade of C- or better in MATH 1132. Not open after passing MATH 2144, 3210, 3510, or 3710.

Text: David C. Lay, Linear Algebra and its Applications, fifth edition, Pearson.

Exams: We will have three exams. Each of them will be a two-hour exam and will take place in the evening, see tentative schedule above. The morning class on the day of the exam will be a review session. Please let me know as soon as possible if you have a conflict.
Each exam will cover the material seen in class since the previous exam. There will be no final exam. In exchange for the evening exam, I will cancel three regular classes during the semester.

Quizzes: We will have in class quizzes, approximately one per week. The quizzes will be announced in the class before. There is no make-up for a quiz, but I will drop your two lowest quiz scores when computing the final grades.

Online Homework: We will use MyMathLab for online homework.

Course Grade:

- Exam 1: 25%

- Exam 2: 25%
- Exam 3: 25%
- Homework: 15%
- Quizzes: 10%

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