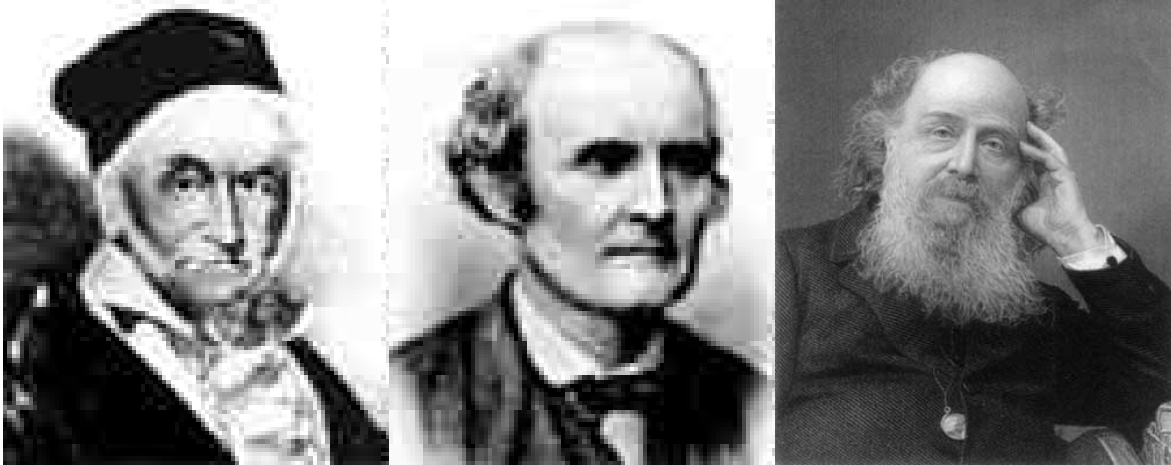


MTH 207 Elementary Linear Algebra with Applications

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prerequisites: MTH 122 or consent of instructor

required text: *Introductory Linear Algebra: An Applied Course* (8th edition) by Kolman & Hill, ©2005 Pearson Prentice Hall

coverage: This course will include an introduction to matrices, their applications, vectors, vector spaces, eigenvalues and eigenvectors. Some topics are quite mechanical such as matrix operations and determinants. Applications will also play a feature role. In addition you will be expected to be able to read and write mathematical proofs.

Homework: Reading and written assignments will be given regularly. It will be assumed that these assignments have been completed on time even if they are not collected. Keep in mind that learning mathematics is not a spectator sport. The only way to learn mathematics is by doing mathematics.

testing: Your grade in the course will be based on three Hour Exams (100 points each), numerous quizzes (50 points total) and a final exam (150 points). A "tentative" exam schedule appears below. Exact dates and coverage will be announced in class. Be warned that make-up exams are not usually available.

"Tentative" Exam Schedule

Hour Exam #1	Chapters 1 & 2	September 22
Hour Exam #2	Chapters 3, 4 & 5	October 18
Hour Exam #3	Chapter 6	November 15
Final Examination	Comprehensive	December 7 (2:30-4:30)

