Math 260: Linear Algebra

Lecture: MTWTh 5:45 pm, West Building 208
Instructor: Larry Fenn
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Text: *Linear Algebra Done Right*, 3rd Edition (digital)
Author: Sheldon Axler

Topics:

- Vector Spaces, especially of the finite kind

- Linear Transformations, the Fundamental Theorem of Linear Maps

- Eigenvalues and Eigenvectors

- Inner Products and the Gram-Schmidt Process

- The Spectral Theorem*

- The Jordan Canonical Form*

- Trace and Determinants

Grading:
Homework: 40%
Midterm: 20%
Final: 40%

Rules:

- Exams will include short answers, derivations, and proofs.

- No late homework will be accepted.

- Homework can be submitted either physically or through e-mail.

- Working together is encouraged, but your answers must be your own.

- No class incompletes without explicit approval.