Math 2240: Introduction to Linear Algebra

$1x + 1y + 0z - 2 = 0$
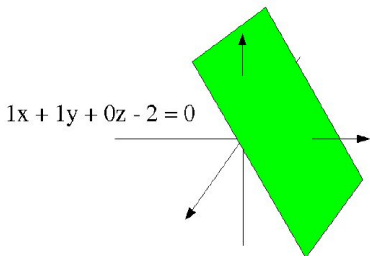
- Linear Objects
- Linear Operations: Addition and Scalar Multiplication
- Critical analysis and creative inquiry
- Why / why not?
- Diverse perspectives and disciplines (alg, geom, Maple, applications...)

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second black woman we know of—PhD in mathematics

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Rabbits and chickens have been placed in a cage. You count 48 feet and seventeen heads. Let *x* = rabbits, *y*= chickens.
1. heads? 2. feet? 3. solve—three different methods?

Grading and Policies

- Participation 5%
  attendance ($>$ 4 weeks=F), daily exercise sets, class
  activities and clickers, office hours, ASULearn
- 4 Problem Sets 30%
  Annotate and show/print all work. Turn in 1 per group.
- 3 Tests 50%
- Final Research Project 15%

No late work, but lowest problem set is dropped and
accommodations for emergencies with documentation.

- Work due start of class (can send it with another student)
- under my office door sometime before I leave for class
- or even turn in on ASULearn if need be, but I prefer printed

Where to Get Help

Try it Out! Practice Computations and Critical Analysis

Review and Understand Mistakes and Misconceptions

Apply Linear Algebra to Numerous Situations

- Class
- Office hours
- Math lab
- Google *Dr. Sarah* for course calendar
- ASULearn (Solutions, Discussion Forums, Glossary)

I care about you and your success!

happy to help