

# Engineering Analysis ENG 3420 Fall 2009

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Office: HEC 439 B

Office hours: Tu-Th 11:00-12:00

# Lecture 13

- Last time:
  - Problem solving in preparation for the quiz
  - Linear Algebra Concepts
    - Vector Spaces, Linear Independence
    - Orthogonal Vectors, Bases
    - Matrices
- Today
  - Solving systems of linear equations (Chapter 9)
    - Graphical methods
- Next Time
  - Gauss elimination

# Solving systems of linear equations

- Matrices provide a concise notation for representing and solving simultaneous linear equations:

