- 1. <u>Statements of Definitions and Theorems</u> use definitions given in class or text of book (not in glossary)
- (a). linear equation
- (b). system of linear equations
- (c). inconsistent system
- (d). consistent system
- (e). dependent system
- (f). (row) echelon form
- (g). (row) reduced echelon form
- (h). linear combination
- (i). set spanned by vectors
- 2. Computational Problems (~ 50%)

- (j). matrix-vector product
- (k). linearly independent set
- (1). linearly dependent set
- (m). matrix multiplication
- (n). transpose
- (o). invertible matrix (inverse of a matrix)
- (p). singular matrix
- (q). elementary matrix
- (r). determinant of a 2×2 matrix $(n \times n ?)$

3. True or False (and/or counter-example) Questions

4. Proof(s) from Class and/or Homework

5. New Proof(s)