

# Summer 2004 Math U115 Applications in Algebra

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**Instructor:** Joe J Perez

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**Office Hours:** Right after class

**Text:** Finite Mathematics & Its Applications 8th edition, Goldstein, Schneider, Siegel

**Course Policies:**

- 1) There will be weekly quizzes with no make-up for absences, however the lowest quiz score will be dropped from the average.
- 2) There will be a two-hour departmental final exam.
- 3) The final grade will be determined 50% quizzes and 50% final.
- 4) Extra help is available from me after class.

**Syllabus:**

Section	Topic	Problems	Section	Topic	Problems
1.1	Linear Eqs	1-33 odd	5.3	Survey Problems	3-17 odd
1.2	Lin Ineqs	1-38 odd	5.4	Mult Prin	1-19 odd
1.3	Inters of Lines	1-19 odd	5.4	Mult Prin	23-35 odd
3.2	Lin Prog	29-34, 37	5.5	Perm & Comb	1-10, 21-42
3.2	Lin Prog	21-27 odd	5.5	Perm & Comb	47-68
2.3	Matrix Ops	1-25 odd	5.6	More Counts	1-19, 28-31
2.3	Matrix Ops	30-46	6.3	Prob	1-26
2.4	Matrix Inv	3-14, 27-33	6.4	Prob	1-24
5.1	Sets	1-25 odd	8.1	Markov Chns	1-15
5.2	Venn Diag	1-32			