Math 70-Finite Mathematics

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Catalog Description: Systems of linear equations and inequalities, matrices, linear programming, set theory, probability theory, applications to business and to social sciences. Prerequisite: Satisfaction of the ELM requirement.


Password/registration id information for MyMathLab should come with your new textbook. You MUST have a registration id for MyMathLab; it is also available from the university bookstore or www.prenhall.com.

You do not have to buy the textbook. If you purchase access to MyMathLab, you can read the textbook online.

Register in Math 110 (1 unit) if you do not have access to a computer for using MyMathLab in Math Department lab in MH208.

Homework and Tests: Homework is assigned on-line in MyMathLab.; homework must be done on time in MyMathLab at www.coursecompass.com.
Course ID: KELLUM33954

See full instructions below.

Homework can be repeated as needed (deadlines are listed on-line). There will be three in-class midterms tests (100 points each), final exam (200 points) and homework (50 points). Midterms will be announced in class and it is your responsibility to be prepared at the appointed time. No late midterms will be given except for medical reasons. The final exam will be at the time scheduled in the SJSU final exam schedule: http://info.sjsu.edu/web-dbgen/narr/soc-fall/rec-232.html

Course Schedule
Chapter 5, Sec. 1-3 Inequalities in two variables. Systems of linear inequalities in two variables. Geometric approach to linear programming. (4 hours)
Chapter 6, Sec. 1-3 The simplex method and the dual problem. (5 hours)

Chapter 7 Sec. 2-4 Sets. Basic counting principles. Permutations and combinations. (4 hours).

Chapter 8 Sec. 1-5 Sample spaces, events, and probability. Union, intersection, and complement of events. Odds. Conditional probability, intersection, and independence. Bayes’ formula. Random variable, probability distribution, and expected value. (10 hours)

MyMathLab is an interactive website where you can:

• Access the Student Solutions Manual
• View Video Lectures to review and increase understanding
• Practice exercises to help with specific textbook sections
• Self-test to improve skills
• Work interactive problems in the multimedia textbook
• Use customized materials prepared by your instructor

What do I need to get started?

✓ A Valid Email Address
✓ Course ID: KELLUM33954
✓ Student Access Code Packaged free of charge with the required textbook, or purchased online.

What steps do I take next?

1. In order to register, you will need to use this Course ID: kellum33954
2. Go to www.students.pearsoned.com and click on “Registration.” Enter your six-word access code found inside your Student Access Kit. This code is found under the yellow tab that reads “Student Access Code.” OR click “How to Buy Access”.
3. Register only ONCE using the information above. You will create your own Login Name and Password.
4. After you have registered, Login (bookmark this URL) at http://students.pearsoned.com using the Login Name and Password you have just chosen.

If you have questions or need assistance, call technical support at 1-800-677-6337.

Policy on Cell Phones