Math-1131: Finite Mathematics - Fall 2005;
Lecture-010: 2:30 PM-4:25 PM MW (9/6/2005-12/14/2005),
Vincent Hall 2.

Lecturer: Peter Rejto
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Office hours: M,W,F: 11:15 am–12:05 pm, or by appointment

Course Description: As per the online course guide:
This course contains topics that are useful to students in the Natural and Social Sciences and in Business including probability models, conditional probability, Markov chains, central limit theorem, matrices, linear programming, game theory, and mathematics of mortgage and interest payments. The prerequisite is Math 1031 or Math 1051, but Math 1031 is preferred. This is a 3 credit course.
All Math courses, including this one, stress the fundamental mathematical processes of problem solving and logical analysis. This course will challenge you to look at new kinds of problems for the first time, and to look at old problems in new ways. All Math courses contain writing appropriate to the mathematics. A correct answer unsupported by an explanation will receive little credit.'

Text Book: Finite Mathematics, 4th edition, by Danial P. Maki and Maynard Thompson. McGraw Hill, ISBN 0-07-039763-5

Calendar: There will be tweo closed book, no notes, midterm exams on the following Wednesdays: October 19, and November 30.

Grading: Homeworks and quizzes and class particioation 20%, closed book, no notes, Midterm Exams(2) 40%, closed book, no notes, Final Exam 40%.
   Homework: Problems will be collected on Wednesdays. The due date is strictly less than two weeks after assignment.

Calculators: Following math department policy for 1000 level courses, no graphing calculators will be permitted for use on any midterm or final exam. You will want to have a scientific calculator, which has only one or two lines of display and has logarithmic and exponential functions ($e^x, x^y, lnx, logx$). (Scientific calculators can be purchased for $10 - $20 from many places.)

Makeup Exams: Here is the University Senate policy on makeup examinations: "Students shall not be penalized for absence due to unavoidable or legitimate circumstances. Such circumstances include, but are not limited to, verified illness, participation in intercollegiate athletic events or other group activities sponsored by the University, subpoenas, jury duty,

military service, and religious observances. Students are responsible for providing documentation to the instructor to verify the reason for the absence. It is the responsibility of the student to notify faculty members of such circumstances as far in advance as possible. "

Following this policy, there will be a makeup examination. If you miss the final examination and do not have a formal excuse, you will receive a grade zero for the final examination. If you think you may have to miss the final exam, please let me know as soon as possible.

Webresources: Website for our Lecture 10, under construction,
http://www.math.umn.edu/~rejto
Some advice on how to succeed in mathematics can be found at,
http://www.math.umn.edu/~koch/advice.html.

Record Keeping: If there is a discrepancy between your records and ours, please let us know as soon as possible. In any case, we shall not change our records after two weeks.

FINAL EXAMINATION; closed book; no notes; uniform for all sections; comprehensive, all materials covered. **Date: Thursday, December 15; 1:30 pm - 4:30 pm. (Place to be announced later.)**