MA 1025: Finite Mathematics for Operations Research, Summer 2005

Homework:

- Chapter 1: #1-23, #25-28, #30, due Tu July 12th.
- Chapter 2: All even problems due Tu. July 19th.
- Chapter 3: #1-7, and #11-20.
- Chapter 5: #1-9, 16, read sections 5.4 and 5.6 for more examples. Homework to be turned in over Ch3 and Ch5, due Tu. Aug 2nd: #3.4, 3.12, 3.14 and 5.4 (number 4 of chapter 5)
- Exam 1: Th. July 28th over chapters 1, 2, 3 and 5.
- Chapter 6: Quiz 6.17 page 107, and #1-25 Due Th. August 11th: #2-24 (evens only)
- Chapter 7: #1-24 (skip #19). Skip Sections 7.5 and 7.6 Due Tu Aug 16th
- Chapter 8: #1-18, 22, 23, 25-29. Skip Section 8.8
- Chapter 9: #1-12, 26, 40
- Exam 2: Mo. August 29th over chapters 6, 7, 8, 9 (review Chapters 1, 2, 3 and 5)
- Extra credit: Chapter 9: #13-17, #19-22, Due Mo. Sept 12th.

NIVEN'S BOOK:

- Chapter 1: page 5: #1-8
- Chapter 2: All exercises of Problem Set 2, 3, 4, 5. Problem set 6: #3, 4, 5.
- Last quiz: Sept 13, over chapters 2 and 3 of Nivens' book
- The week of Sept 12-15 is review for the final exam.
- FINAL EXAM

Note: If you are interested in graph theory and its applications you might try to take the course: and/or visit some of the sites below that talk about graph theory:

- [http://www.utc.edu/Faculty/Christopher-Mawata/petersen/](http://www.utc.edu/Faculty/Christopher-Mawata/petersen/)
- [http://en.wikipedia.org/wiki/Graph_theory](http://en.wikipedia.org/wiki/Graph_theory)
- [http://mathworld.wolfram.com/Graph.html](http://mathworld.wolfram.com/Graph.html)
- [http://www.utm.edu/departments/math/graph](http://www.utm.edu/departments/math/graph)

Exams:

- Exam 1 -- Th. July 28th, 2005
- Exam 2 -- Th. August 25th, 2005
- Final Exam -- Mo. Sept 19th, from 1-2:50pm in Spanagel 231

Final Exam Information:

- Final exam: Mo. Sept 19th, from 1-2:50pm in Spanagel 231.
• You can bring one "panic sheet" (a half sheet written on both sides, or a whole sheet written on one side only).
• I will have office hours on Mo. Sept 19th from 11am-1pm (in my office or in Spanagel 257--the seminar room).
• review of topics for final.

**Quizzes:**

• Quiz 1
• Quiz 2
• Quiz 3: Sept 13, over chapters 2 and 3 of Nivens' book