General Information

Here are basic information about the exam:

1. The third exam will take place on Tuesday May 2nd.
2. The exam will NOT require computer use but DO bring a calculator.
3. The exam will take place in class from 6-7:30 PM, but please try to be about five minutes early.
4. This is an open book and notes exam.

Reading Material and Questions

The exam will cover topics covered in chapters 3, 6, 4 and 5 and supplement 1. In addition all the notes and worksheets I have posted on the course web page will be covered.

   Specifically the following sections will be covered:

1. Chapter 3 Sections 3.1-3.6,
2. Supplement One, You will need to be very comfortable with linear and integer programming concepts, and algebraic formulation. You will also need to to know the sensitivity analysis.
3. Chapter 6 Read through section 6.5, also thoroughly study lecture notes and posted worked out worksheets worked out in class.
4. Chapter 4 all sections plus lecture notes and worked out worksheets.
5. Chapter 5 All sections through (an including) sections 5.5 (skip subsections of 5.5 titled Scaling of Lead Demand and Estimating Sigma when Inventory and Forecasting Are Linked pages 268-269.) DO READ subsection titled Imputed Shortage Cost on page 268. Also read Appendix 5-A (for review of probability theory) and 5B especially the interpretation of overage and underage costs.

Types of Questions in Exam

There will be three kinds of questions in the exam:

Type 1 Computational problems: Here you will be given problems similar to those in your homeworks (but of course much shorter). You will have to identify the correct formulas and procedures and possibly a calculator to carry out the calculations.

Type 2 Conceptual questions about your calculations You may be asked to interpret the results you obtained or be asked other questions about them. For instance you may be asked in to calculate solution of a linear programming problem, generate the sensitivity analysis and then interpret the meaning of shadow prices.

Type 3 Conceptual questions: Here you will be asked questions that require no calculations, rather they test your basic understanding of material. Typically you will give short answers to these questions (one or two sentences at most).

Extra Office Hours

I will be in my office in RUTCOR building on Busch campus on Friday April 30 from 4:00 PM to 7:00 PM.