Course Objective
To introduce the basic concept and approaches of Management Science (Operations Research) those have been widely applied to solve management problems. The course is intended to be interesting and informative.

Textbook
1. Class notes written by the instructor.

Course Outline
Course description/Introduction to Management Science
Introduction to Linear Programming (LP), Computer Solutions, and Applications
Transportation Problems (TP)
Network Analysis
Introduction to Integer Programming (IP)
Project Scheduling: PERT/CPM
Inventory Systems
Queueing Systems and Applications
Decision Analysis
Reliability
Others

Grading
Participation and Quiz/Homework 25%
Midterm exams 50% (10/18, 11/22)
Final exam 25% (1/10, 2007)

Notes
1. Any dishonesty or violation of university rules must result in fail grade on this course.
2. The instructor reserves the right to adjust the grades. However, you are guaranteed that your grade will not be adjusted down. Participation will be a decisive factor.
3. A useful way to contact is my e-mail.
4. Other information can be found on the Internet at my website:
   http://www.ccunix.ccu.edu.tw/~busadm/spc/spc.htm