STAT 553  
Theory of Linear Models and  
Analysis of Experimental Designs  
Spring 2008

**Instructor:** Michael Y. Zhu  
**Class:** 9:00-10:15am TTh Rec 227  
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**Mailbox:** In Haas 164. Open during business hours. If you need to put anything in my mailbox, please make sure that you find the right box. Ask the staff for help when necessary.

**Textbook:** *Linear Regression Analysis*, second edition, by Seber and Lee.  
**Prerequisites:** Stat 528 and a strong background in matrix theory or linear algebra.

**Homework:** Homework will usually be assigned on Thursday and due on the Thursday a week after. There will be about 10 assignments in total.

**Exams:** Two midterms and one Final exam. Tentatively, the midterms will be scheduled in the week of Feb 11 and the week of March 31, respectively. There will be student projects/presentations.

**Attendance:** Required.

**Grade:** Homework 10%, Midterm I 20%, Midterm II 20%, Final 30%, Presentation 10%, Attendance 10%. Your final letter grade will be given by curving the total percentage you receive in the end of the semester.