INSTRUCTORS: Naijun Sha and Ming-Ying Leung

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OFFICE HOURS: MW: 1:00-2:00pm (Sha) and T: 11:30am-12:30pm (Leung) or by appointment

DEADLINE for Automatic W: Nov. 2


Course Description: Statistical analysis of a multivariate response. Topics covered: Descriptive multivariate statistics, multivariate normal distribution, multivariate multiple linear regression, principal component analysis, classification and clustering analysis. Applications with the use of statistical packages will be considered. Prerequisite: STAT 5380, STAT 5385 or equivalent, or consent of instructor.


Assignment and Attendance: Homework and data analysis projects will be assigned throughout the semester. You may do the exercises with your partner, but each student must answer the questions individually. ZERO grades will be got for those whose solutions are the exact copies of someone else. Class attendance is required and helpful to decide borderline grades.

NO LATE HOMEWORKS WILL BE ACCEPTED!

Grading: Homework 30%
Midterm Exam 30%
Final/Project 40%
The final grade is based on a scale of 90 – 100 = A, 80 – 89 = B, 70 – 79 = C, 60 – 69 = D, below 60 = F. Attendance and class participation will be used to help decide borderline grades.