Syllabus for Stat 102, Spring 2015

Lecture Times: Tues, Thurs 10:30-12, 12-1:30, 3-4:30

Professor: Nancy R. Zhang (nzh@wharton.upenn.edu, Office: 476-JMHH)

      Office Hours: Monday 12-1:30

Textbook: *Applied Regression Analysis*, Terry Dielman, Fourth edition.

Additional optional reading:

      Statistics for Business, Decision making and Analysis, Stine and Foster, 2011, Addison Wesley

      The Statistical Sleuth, A Course in Methods of Data Analysis, Ramsey and Schafer, 2013, Brooks/Cole

Course Website: Most of the materials including announcements, lecture notes, homework, solutions, etc. will be available on our Canvas site

Lecture notes: We will mainly deliver our lectures through slides and blackboard. Lecture slides will be available on Canvas. We expect you to print out the slides before the class.

Computer package: The computer software JMP (any version of 7.0 or higher) will be used in the course. To access the software you need to purchase a 6-months (or longer) license at http://estore.e-academy.com and search for JMP or go to http://upenn.onthehub.com for special pricing. JMP is also available in all the Wharton computer labs (F75-JMHH, F80-JMHH, 375-JMHH and 380-JMHH).

Homework and Projects: Bi-weekly problem sets will be assigned and posted in our Canvas site.   There will be also a course project assigned in the second half of the semester. The project is to be completed in teams of 1-3 students, and all students in the team will receive a joint grade. Homeworks can be submitted to the boxes labeled with your section number in 400 Huntsman Hall. Both homeworks and projects will be graded. The lowest homework score will be dropped at the end. (**No late homework or projects will be accepted.**)

Exams: There will be **two midterms** and a **final**. The midterms and final will be semi-closed book, i.e. a certain number of pages of notes will be allowed.

    Midterms:
      Thursday, February 19 (Midterm 1),
      Thursday, March 26 (Midterm 2)

    Final exam: 6:00 pm – 8:00 pm, Thursday, **May 7**

<u>Grade allocation:</u>

      Homeworks: 15%
      Project: 10%
      Midterm 1: 20%
      Midterm 2: 20%
      Final: 35%

      The lowest homework score will be ignored in the final grade.

<u>Teaching Assistants:</u>

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