Statistics 112: Introductory Statistics (II)
Fall 2007

Professor: Dylan Small
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Class hours: Tuesday and Thursday, 3:00-4:20.
Professor's office hours: Tuesday, 4:30-5:45; Thursday, 4:30-5:45; by appointment.
Teaching assistant's office hours: TBA.

Text: *Applied Regression Analysis*, Fourth Edition, Terry E. Dielman.

Computing/Software: Students will be required to perform statistical analyses in this course and JMP IN (version 7) is the required package. The software can be downloaded from the web site www.e-academy.com . A 6 month license costs $29.95. The JMP IN software is also available at Wharton Computing Labs (F75 and F80 Huntsman Hall, also basement of SH-DH). In order to use Wharton computing facilities you need to apply for an account at F35 Huntsman Hall with your ID.

Course description: This is a second course in statistical methods and data analysis. The main topics are regression and analysis of variance. We will cover Chapters 3-9 of the textbook.

Course web site: http://www-stat.wharton.upenn.edu/~dsmall/stat112-f08

Course Prerequisites: Stat 111 or equivalent.

Homework: There will be regular homework assignments. No late homework will be given full credit except in the case of serious illness or a family crisis.

Quizzes: There will be quizzes given at the beginning of class on the following dates: September 23rd, October 21st, November 11th and December 4th.

Final Project: There will be a final project that involves applying multiple regression analysis to a real data set. For the project, you can work alone or with a partner – a more ambitious project will be expected if you work with a partner. The report for your final project will be due Tuesday, December 16th at 5pm.

Grading: Grades will be based one third on the homework, one third on the quizzes and one third on the final project.

Help: Tutoring help is provided by the Statistics Department. Check the departmental website (http://stat.wharton.upenn.edu/) for the location and time of the StatLab.