

# Statistics 112: Introductory Statistics (II) Fall 2009

Richard Berk  
564 McNeil  
berkr@wharton.upenn.edu

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**Class Hours:** Tuesday and Thursday, 9:00 to 10:30, F45JMHH

**Office Hours:** By appointment

**Teaching Assistant's Office Hours:** TBA

**Text:** *A Second Course in Statistics: Regression Analysis* (6th edition), W. Mendenhall and T. Sincich

**Computing:** The JMP (version 8) is the required statistical package. The Statistics Department was able to work out a special arrangement with SAS. Our students can now get a 3 year license for JMP8 by paying only \$10 more than the price of a 6-month license. Both Mac and Windows versions of the software are available for purchase and download from the link <http://upenn.onthehub.com>.

**Course Description** This is a second course in statistics and data analysis. We will focus on the general linear model (regression and analysis of variance) with some discussion of logistic regression if there is time (at least chapters 1-8 in the text).

**Course web site:** The course materials can be accessed online via Blackboard software the School of Arts and Sciences provides.

**Prerequisites:** Stat 111 or the equivalent

**Homework:** There will be regular homework. The homework will not be graded but will only count if a serious effort is demonstrated. Late homework will not be accepted without a very good and credible excuse.

**Grading:** Grades will be based primarily on three to four short papers that will require an analysis of real data and a professionally done research report. Student who turn in all of their homework will be eligible for extra credit toward their final grade on the course.